



*2008*

*MISSOURI*

*TRAFFIC SAFETY*

*COMPENDIUM*

**MISSOURI STATE HIGHWAY PATROL  
STATISTICAL ANALYSIS CENTER  
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## FOREWORD

The 2008 Missouri Traffic Safety Compendium is the twenty-second in a series produced annually by the Statistical Analysis Center of the Missouri State Highway Patrol working in conjunction with the Highway Safety Division of the Missouri Department of Transportation.

The Compendium contains a compilation of statistics related to Missouri traffic crashes and assists the Highway Patrol and the Highway Safety Division in the identification of specific traffic safety problem areas. Information provided in this document provides the statistical framework to support the annual Highway Safety Plan – assuring that the Plan is evidenced based. This document can also be found online at:  
[http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/publications\\_traffic.html](http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/publications_traffic.html).

I encourage those involved in law enforcement, safety, government, health, education, and grassroots organizations to take full advantage of the information contained in this publication. The insights acquired from reviewing its contents can be an invaluable aid when conducting traffic safety problem identification, planning and making policy decisions. You will be accessing one of the finest traffic records documents nationwide.

If you require more information on traffic safety programs or need additional statistical services, please contact MoDOT Highway Safety Division at 1-800-800-2358 or 573-751-4161.

A handwritten signature in dark ink, appearing to read "Leanna Depue". The signature is fluid and cursive, with a large initial "L" and a long, sweeping underline.

Leanna Depue, Highway Safety Director  
MoDOT Highway Safety Division

## **ACKNOWLEDGEMENTS**

This publication was developed by the Missouri State Highway Patrol to provide Federal, State, and local traffic safety authorities with a comprehensive analysis of Missouri's traffic safety problems. Agencies, such as the Missouri Department of Transportation, Highway Safety Division, rely heavily on this publication in their traffic safety planning processes and to acquire federal grant funding support for traffic safety programs.

Traffic crash data are the primary source of information used in this publication. These data were obtained from the Statewide Traffic Accident Records System (STARS). The Missouri State Highway Patrol, Traffic Records Division, is directly responsible for coordinating STARS as well as encoding all traffic crash reports received by the Division.

Special recognition must be given to all Missouri law enforcement agencies and officers who provide traffic crash investigation services on Missouri's roadways and conscientiously report their findings to STARS. Because of their efforts, traffic safety authorities are able to analyze Missouri traffic crash problems in order to develop policies and programs designed to effectively address them.

A number of agencies contributed to development of this publication. The Missouri Department of Transportation provided information on annual vehicle miles of travel. The Missouri Department of Revenue provided drivers licensing data and updated vehicle registration activity levels.

Finally, the Missouri Department of Transportation, Highway Safety Division, provided the Missouri Statistical Analysis Center with invaluable technical assistance and federal grant funding support from the U.S. Department of Transportation, National Highway Traffic Safety Administration. Both these agencies have, over the years, supported Missouri Statistical Analysis Center efforts in providing information services and publications to traffic safety authorities.

Ronald G. Beck, Director  
Missouri Statistical Analysis Center

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## EXECUTIVE SUMMARY

The purpose of this publication is to provide the Missouri State Highway Patrol, the Missouri Department of Transportation, Highway Safety Division, and other State and local authorities with information on Missouri's traffic crash problems. It is one in a series which is being produced annually.

The primary source of data for the Compendium is the Statewide Traffic Accident Records System being maintained by the Missouri State Highway Patrol. Although this publication contains historical data on Missouri's traffic crash and severity experience, emphasis is placed on the most recent year (2008).

In 2008, Missouri had a total of 155,849 traffic crashes. The economic loss associated with these traffic crashes was estimated to be \$3,182,874,600. In these traffic crashes, 0.5% (845) involved one or more persons being killed in the incident. In addition, 24.4% (38,040) involved no persons being killed but one or more persons being injured in the incident.

In 2008, a total of 960 persons died in Missouri traffic crashes. One person was killed every 9.1 hours. The death rate (the number of deaths per 100 million miles of travel) was 1.3 in 2008. In 2007, the death rate was 1.4.

A total of 55,149 persons were injured in traffic crashes in 2008. One person was injured every 9.5 minutes.

Data are provided in this Compendium identifying causal factors or characteristics of Missouri's traffic crash experience which directly impact the frequency of occurrence or personal death and injury severity levels. A brief analysis of these factors is given below:

- Speed was found to be a significant contributing factor in Missouri's traffic crash experience especially as it relates to crashes involving death and injury. Of all 2008 Missouri traffic crashes, 19.3% were speed related. Of all fatal crashes, 44.2% were speed related. A total of 426 persons were killed and 13,239 were injured in this type of crash. In 2008, one person was killed or injured every 38.5 minutes in speed related traffic crashes in the State of Missouri.
- Drinking involvement was a significant contributing factor in Missouri's serious traffic crash experience in 2008. Of all 2008 Missouri traffic crashes, 4.9% involved a person drinking. However, of all fatal crashes, 28.6% had a person drinking. A total of 262 persons were killed and 4,511 were injured in these crashes. In 2008, one person was killed or injured in drinking-involved crashes every 1.8 hours in the State.
- Drivers of motorized vehicles under the age of 21 were involved in a large number of crashes in the State of Missouri. Of all 2008 traffic crashes, 26.8% involved one or more drivers under the age of 21. Of all fatal crashes, 19.0% involved a young driver. Their involvement in Missouri traffic crashes becomes even more significant when it is recognized that drivers under 21 made up only 9.7% of all Missouri's licensed drivers. A total of 198 persons were killed and 15,501 were injured in traffic crashes involving young drivers. In 2008, one person was killed or injured in a young driver involved traffic crash every 33.5 minutes in the State of Missouri.
- Drivers of motorized vehicles 55 years of age and older were involved in a large number of Missouri traffic crashes. Of all 2008 traffic crashes, 30.1% involved an older driver. Of all fatal crashes, 30.6% involved an older driver. A total of 289 persons were killed and 15,749 were injured in these traffic crashes. In 2008, one person was killed or injured in an older driver involved traffic crash every 32.8 minutes in the State of Missouri.
- Commercial motor vehicles were involved in a significant number of Missouri traffic crashes. In 2008, 9.6% of all traffic crashes involved a commercial motor vehicle. When examining fatal traffic crashes, 13.9% involved a commercial motor vehicle. A total of 136 persons were killed and 4,104 were injured in commercial motor vehicle related crashes. As a result, one person was killed or injured in commercial motor vehicle involved traffic crashes every 2.1 hours in the State.

- Although motorcycle related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly motorcycle drivers and passengers) being either killed or injured. Of all traffic crashes occurring in the State in 2008, 24.9% resulted in a person being killed or injured. However, in motorcycle involved crashes, 80.1% resulted in a death or personal injury. In 2008, 1.7% of all traffic crashes involved a motorcycle. In fatal traffic crashes, 12.2% involved a motorcycle. A total of 107 motorcyclist were killed and 2,169 were injured in motorcycle traffic crashes. One person was killed or injured in these crashes every 3.7 hours in the State of Missouri.
- Although school buses are not involved in a large number of traffic crashes in the State of Missouri they are important due to their potential for causing death and injury to young children. Of all 2008 Missouri traffic crashes, 0.7% involved a school bus or school bus signal. One person was killed and 400 were injured in these crashes. In 2008, one person was killed or injured in school bus involved traffic crashes every 21.8 hours in the State of Missouri.
- Although bicycle related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly bicycle drivers and passengers) being either killed or injured. Of all traffic crashes occurring in the State in 2008, 24.9% resulted in a person being killed or injured. However, in bicycle traffic crashes, 83.2% resulted in a death or personal injury. Of all 2008 Missouri traffic crashes, 0.4% involved a bicycle. Of all fatal traffic crashes, 0.2% were bicycle related. One bicyclists were killed and 527 were injured in these traffic crashes. One person was killed or injured in a bicycle traffic crash every 16.4 hours in the State.
- Although pedestrian related traffic crashes do not occur in extremely large numbers in the State of Missouri, they usually result in persons (mainly the pedestrian) being either killed or injured. Of all traffic crashes in the State in 2008, 24.9% resulted in a person being killed or injured. However, in pedestrian traffic crashes, 90.9% resulted in a death or personal injury. Of all 2008 Missouri traffic crashes, 0.9% involved a pedestrian. Of all fatal traffic crashes, 7.8% involved a pedestrian. A total of 66 pedestrians were killed and 1,464 were injured in these traffic crashes. One person was killed or injured in a pedestrian traffic crash every 5.7 hours in the State of Missouri.
- Motor vehicles striking fixed objects account for a large number of traffic crashes in the State of Missouri, especially those resulting in death or personal injury. Of all 2008 Missouri traffic crashes, 20.7% involved a fixed object being struck as part of the first harmful event. In fatal crashes, 41.8% involved a fixed object. A total of 389 persons were killed and 12,637 were injured in fixed object traffic crashes. One person was killed or injured every 40.4 minutes in this type of crash in the State.
- Although hazardous materials are not involved in a large number of traffic crashes in the State of Missouri, they are a significant problem because of their potential for causing death, personal injury, and property damage through the release of such materials in the surrounding environment. Of all 2008 traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 0.5% were hazardous material related. Five people were killed and 32 were injured in hazardous material crashes. One person was killed or injured in these crashes every 9.9 days in the State of Missouri.
- Construction / other work zones are not involved in a large number of traffic crashes in the State of Missouri. However, they are considered a significant problem because they involve persons working in road construction or other services exposed with little protection to traffic. In 2008, 1.1% of all traffic crashes involved a construction / other work zone. When examining fatal traffic crashes, 1.2% were associated with a construction / other work zone. Twelve people were killed and 598 were injured in construction / other work zone related traffic crashes. As a result, one person was killed or injured in this type of crash every 14.4 hours.
- The wearing of seat belts by drivers and passengers in vehicles is one of the best ways to prevent death and personal injury when involved in a traffic crash. The State of Missouri has recognized the benefit seat belt usage has on reducing traffic crash deaths and injuries through the passage of infant restraint and adult seat belt laws in recent years. The effectiveness of using seat belts becomes apparent when considering the following statistics.

A driver of an automobile, van, motor home, or truck involved in a 2008 Missouri traffic crash had a 1 in 3 chance of being injured if they were not wearing their seat belt. However, if they were wearing a seat belt, their chance of being injured was 1 in 8. When examining driver deaths, the difference is much more dramatic. A driver involved in a 2008 Missouri traffic crash had a 1 in 29 chance of being killed if they were not wearing a seat belt. In those cases where the driver wore a seat belt their chance of being killed was 1 in 1,322.

## INTRODUCTION

This Compendium presents data identifying the scope, magnitude, and severity of the traffic crash problem in Missouri. In addition, data are presented which identify specific traffic crash / severity causative factors and characteristics of special interest to traffic safety authorities. Although historical data are provided, emphasis is placed on the most recent year's experience (2008).

This Compendium was prepared by the Missouri State Highway Patrol, Statistical Analysis Center (SAC) at the request of the Missouri Department of Transportation, Highway Safety Division.

The traffic safety data contained in this publication are segmented into four sections. The first section displays the 2008 Missouri Traffic Safety Personal Injury Problem Analysis Clock. This clock offers an overview of the frequency of deaths and injuries caused by traffic crashes in the State in relation to time. The second section provides data related to Missouri's total traffic crash experience from an historical perspective and provides historical data related to Missouri's driver licensing, vehicle registration, and annual miles of travel activity levels. This section also provides an examination of the overall Missouri traffic crash experience and includes analyses of crash type, roadway features and classification, weather and light conditions, temporal and geographic patterns, causative factors, driver characteristics and behavior, and vehicle types. The third section presents data on Missouri's traffic crash experience as it relates to specific types of causative factors or characteristics which affect the frequency of occurrence or crash severity. Specific traffic safety problem areas addressed in this section are:

- Speed Involvement
- Drinking Involvement
- Young Driver Involvement
- Older Driver Involvement
- Commercial Motor Vehicle Involvement
- Motorcycle Involvement
- School Bus Involvement
- Bicycle Involvement
- Pedestrian Involvement
- Fixed Object Involvement
- Hazardous Material Involvement
- Construction / Other Work Zone Involvement
- Seat Belt Usage

The last section of the Compendium provides summary data on the 2008 traffic crash experience of all counties and of cities with populations of 1,000 or more in the State of Missouri. In addition, breakouts are provided identifying the proportion of each community's traffic crash activity related to the problem areas discussed in the previous section of the Compendium (Seat Belt Usage is the only exception).

Data for this Compendium were obtained from a variety of sources. Traffic crash data used in the Compendium were obtained from the Statewide Traffic Accident Records System (STARS) maintained by the Missouri State Highway Patrol (MSHP). In accordance with State statute, law enforcement agencies are required to investigate traffic crashes on public roadways if they involve a death or personal injury or property damage over \$500.00. Their findings are submitted either electronically or manually on a standard traffic accident report form to the STARS system. Data from these reports are encoded by MSHP staff in computerized files. These files are made available to the Missouri SAC for traffic safety data analysis purposes.

Driver's licensing data were obtained from the Missouri Department of Revenue (DOR) driver history files. Vehicle registrations and annual vehicle miles of travel data were obtained from the Missouri Department of Transportation (MoDOT).

Slight discrepancies may be found if comparisons are made with other publications using data from STARS. These discrepancies may be a result of updates being made to STARS files between the time the other publications were developed and the time data analysis for this publication was performed. In addition, the STARS database selection logic used to identify a specific traffic crash problem could be different which would result in discrepancies in data display presentations.

Discrepancies also may be found if comparisons are made with MoDOT publications related to State-maintained roadway traffic crash statistics. MoDOT reviews all STARS traffic crash reports individually. If the crash occurs on a State-maintained roadway, the crash location is analyzed and recoded using a sophisticated highway classification and log point referencing system. Because of this review / update process and differences in road type coding definitions, discrepancies may be noted. For obtaining crash statistics on the Missouri State-maintained highway system only, it is recommended reliance be placed on MoDOT publications.

A number of Federal, State, and local information systems besides STARS capture data on some aspect of Missouri's traffic crash experience. One of the most notable is the Fatality Analysis Reporting System (FARS). In this information system, data on all fatal traffic crashes are compiled from a number of different sources and reported to a national repository in Washington, D.C. Although findings using both FARS and STARS data are similar, they do vary greatly when analyzing drinking involvement in traffic crashes. In STARS, reliance is solely based on the investigating officer's opinion that drivers or pedestrians were drinking and their intoxicated condition contributed to the cause of the traffic crash. In FARS, reliance is not only based on the opinion of the investigating officer but also on results of blood alcohol content tests taken on persons killed within a few hours of the crash. By Missouri statute, coroners and medical examiners are required to take these tests and report the results to the FARS unit. Because of this additional reporting mechanism, drinking involved fatal traffic crash statistics using FARS data indicate this causative factor is a much greater problem than comparable statistics based on STARS data. However, it must be recognized FARS data **only** describe Missouri's fatal traffic crashes while STARS data describe the State's total traffic crash experience on public roadways (except for minor property damage crashes).

A number of other publications, being produced on an annual basis, provide insights into Missouri's traffic crash experience. In cases where the Compendium does not provide all the information required, it is recommended one or more of the following publications be used:

1. *Traffic Crash Facts Booklet* - Missouri State Highway Patrol, Traffic Division.
2. *Missouri Vital Statistics* - State Center for Health Statistics
3. *Missouri State Highway System Traffic Accident Statistics* - Missouri Department of Transportation, Traffic Division.

## **1.0 MISSOURI TRAFFIC SAFETY PERSONAL INJURY PROBLEM ANALYSIS CLOCK**

*THIS CLOCK SUMMARIZES PERSONS KILLED AND INJURED IN TRAFFIC CRASHES IN THE STATE OF MISSOURI DURING 2008 IN RELATION TO TIME. IN ADDITION, IT SUMMARIZES DEATHS AND INJURIES OCCURRING IN TRAFFIC CRASHES WHERE SPECIFIC CAUSAL FACTORS OR CHARACTERISTICS WERE FOUND. FROM THIS PERSPECTIVE AN APPRECIATION OF THE RELATIVE FREQUENCY AND SERIOUSNESS OF THESE FACTORS AND CHARACTERISTICS CAN BE OBTAINED. THIS CLOCK SHOULD BE VIEWED WITH CARE. THIS MODE OF DISPLAY SHOULD NOT BE TAKEN TO IMPLY A REGULARITY IN THE OCCURRENCE OF DEATHS AND INJURIES IN TRAFFIC CRASH ACTIVITY; RATHER, IT REPRESENTS THE ANNUAL RATIO OF DEATHS AND PERSONAL INJURIES TO FIXED TIME INTERVALS.*

MISSOURI TRAFFIC SAFETY PERSONAL INJURY  
PROBLEM ANALYSIS CLOCK

2008

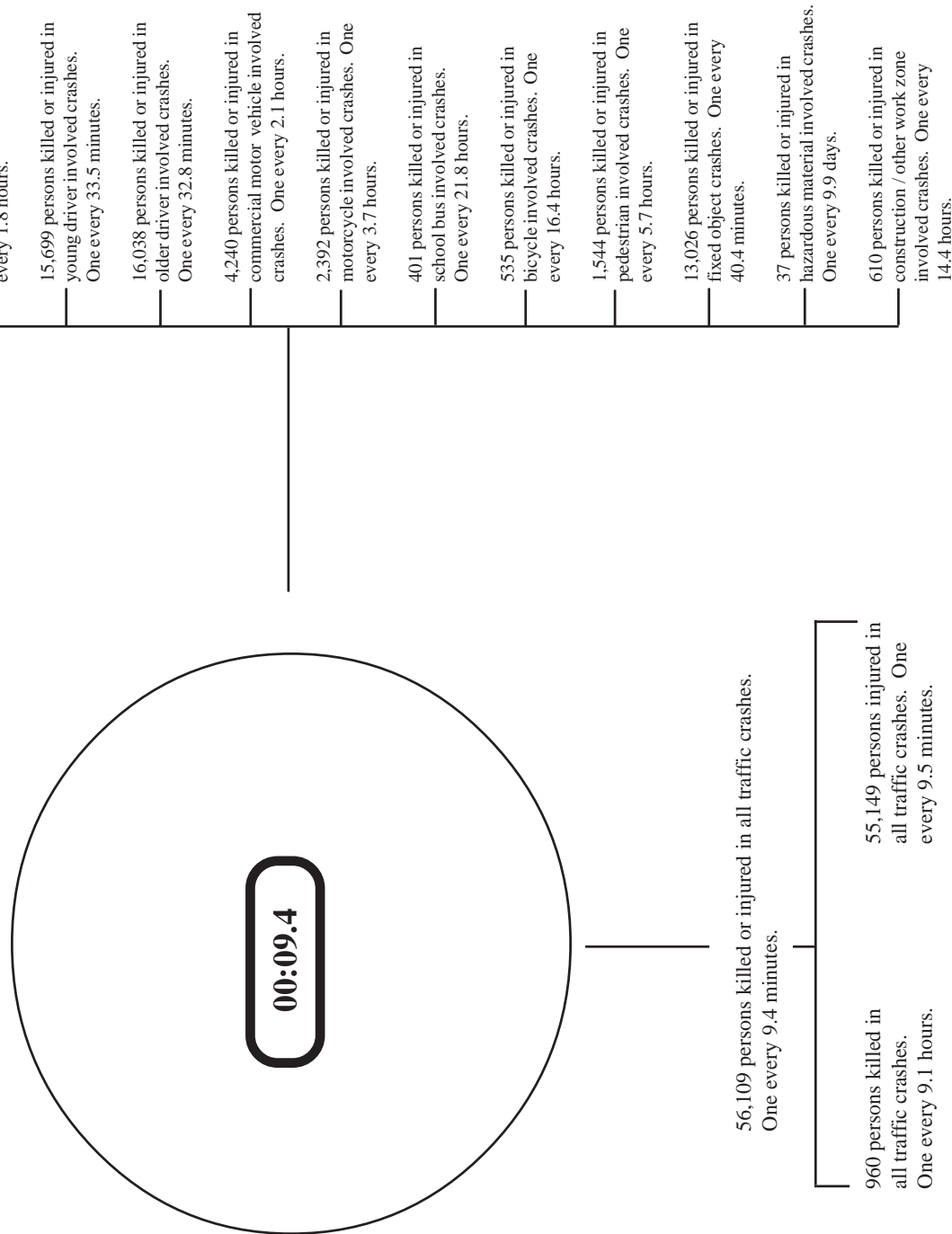


FIGURE 1.0.1

## **2.0 MISSOURI STATEWIDE TRAFFIC SAFETY ANALYSIS**

*A SERIES OF TABLES AND FIGURES SUMMARIZES MISSOURI'S TRAFFIC CRASH EXPERIENCE FROM AN HISTORICAL PERSPECTIVE. IN ADDITION, DATA ARE PRESENTED WHICH IDENTIFY MISSOURI'S DRIVER'S LICENSING, VEHICLE REGISTRATION, AND ANNUAL MILES OF TRAVEL ACTIVITY LEVELS. THE PURPOSE OF THESE DISPLAYS IS TO PROVIDE AN HISTORICAL OVERVIEW OF THE FREQUENCY AND SERIOUSNESS OF MISSOURI'S TRAFFIC CRASH PROBLEM IN RELATION TO THE AMOUNT OF TRAVEL INVOLVED AND TO THE IN-STATE DRIVER AND VEHICLE POPULATION LEVELS.*

# STATE OF MISSOURI, TRAFFIC SAFETY STATISTICS

1984 - 2008

Year	Killed	Injured	Economic Loss	Licensed <sup>1</sup> Drivers	Vehicles <sup>2</sup> Registered	Miles <sup>2</sup> Travelled	Death Rate <sup>3</sup>	Injury Rate <sup>4</sup>
1984	991	64,099	887,080,000	3,402,967	3,585,303	38,431,000,000	2.6	169.4
1985	948	66,970	906,980,000	3,415,014	3,635,364	39,286,000,000	2.4	172.9
1986	1,143	69,455	1,100,070,000	3,436,028	3,737,386	41,572,000,000	2.7	169.8
1987	1,058	67,743	1,158,640,000	3,472,027	3,760,948	43,379,000,000	2.4	158.6
1988	1,103	69,321	1,368,710,000	3,511,986	3,835,292	45,447,000,000	2.4	155.0
1989	1,052	68,588	1,352,250,000	3,537,276	3,881,896	48,087,000,000	2.2	144.8
1990	1,097	72,493	1,463,320,000	3,702,692	3,948,319	49,891,000,000	2.2	147.5
1991	1,011	67,707	1,616,100,000	3,445,079	3,987,545	50,676,000,000	2.0	135.6
1992	985	70,550	1,981,940,000	3,454,548	4,039,447	53,108,000,000	1.9	134.7
1993	949	77,521	2,561,332,000	3,499,278	4,097,716	54,821,000,000	1.7	143.1
1994	1,089	81,046	3,068,532,000	3,382,050	4,206,637	57,287,000,000	1.9	143.4
1995	1,109	81,174	3,169,354,000	3,688,225	4,250,708	59,115,000,000	1.9	139.2
1996	1,148	82,717	3,066,403,000	3,797,574	4,381,105	61,007,000,000	1.9	137.5
1997	1,192	81,570	2,951,124,000	3,832,875	4,339,101	62,979,000,000	1.9	131.4
1998	1,169	79,765	3,241,096,000	3,935,879	4,405,307	64,533,000,000	1.8	125.4
1999	1,094	78,297	3,166,768,000	3,983,650	4,429,689	66,856,000,000	1.6	118.7
2000	1,157	76,338	3,239,268,000	4,006,790	4,612,009	66,905,000,000	1.7	115.8
2001	1,098	73,629	3,205,959,000	4,019,869	4,244,980	67,635,000,000	1.6	110.5
2002	1,208	72,614	3,398,527,000	4,118,933	4,413,717	68,162,000,000	1.8	108.3
2003	1,232	69,150	3,432,857,000	4,186,002	4,416,352	67,929,000,000	1.8	103.6
2004	1,130	68,678	3,700,111,000	4,262,059	4,928,515	68,300,000,000	1.7	102.2
2005	1,257	66,423	3,713,708,000	4,284,187	4,722,723	68,754,000,000	1.8	98.4
2006	1,096	62,119	3,492,730,000	4,281,710	5,105,733	68,834,000,000	1.6	91.8
2007	992	60,000	3,508,413,000	4,446,471	5,069,869	69,150,000,000	1.4	88.2
2008	960	55,149	3,182,874,600	4,380,292	5,150,584	72,560,000,000	1.3	76.0

<sup>1</sup>Licensed drivers data were obtained from the Missouri Department of Revenue.

<sup>2</sup>Vehicle registration and miles travelled data were obtained from the Missouri Department of Transportation.

<sup>3</sup>Number of deaths per 100 million miles of vehicle travel.

<sup>4</sup>Number of deaths and injuries per 100 million miles of vehicle travel.

TABLE 2.0.1

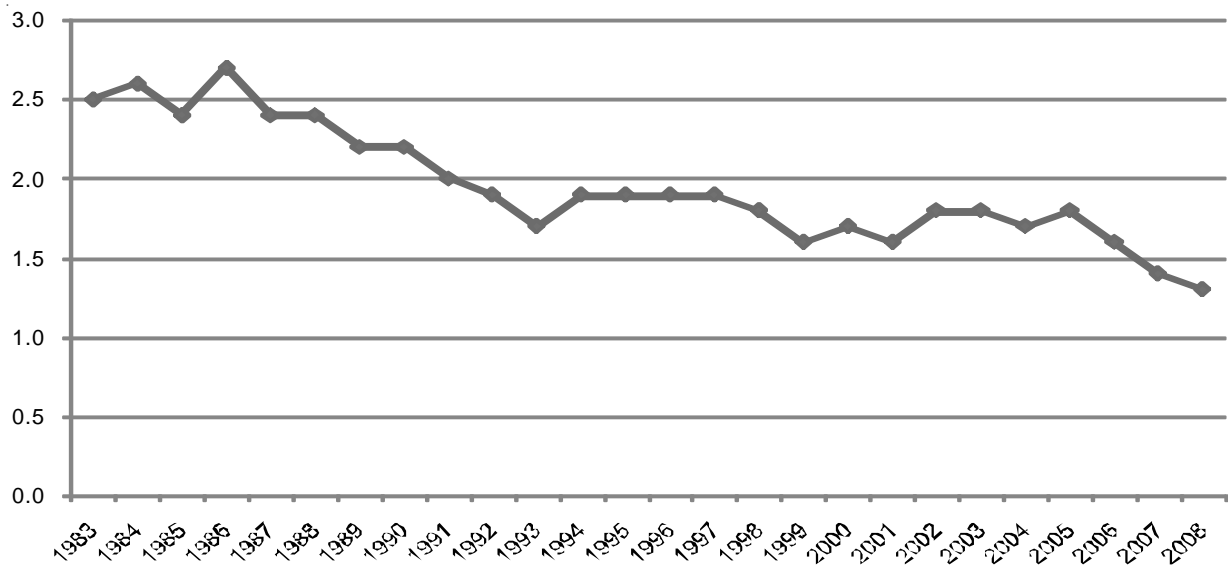
**1999 - 2008 MISSOURI TRAFFIC CRASHES**

**YEAR BY CRASH SEVERITY**

<b>YEAR</b>	<b>FATAL</b>		<b>PERSONAL INJURY</b>		<b>PROPERTY DAMAGE</b>		<b>TOTAL</b>
1999	964		50,610		142,279		193,853
<i>ROW %</i>		<i>0.5</i>		<i>26.1</i>		<i>73.4</i>	<i>100.0</i>
2000	991		49,722		143,116		193,829
<i>ROW %</i>		<i>0.5</i>		<i>25.7</i>		<i>73.8</i>	<i>100.0</i>
2001	973		48,325		139,358		188,656
<i>ROW %</i>		<i>0.5</i>		<i>25.6</i>		<i>73.9</i>	<i>100.0</i>
2002	1,082		47,981		136,743		185,806
<i>ROW %</i>		<i>0.6</i>		<i>25.8</i>		<i>73.6</i>	<i>100.0</i>
2003	1,095		45,990		135,650		182,735
<i>ROW %</i>		<i>0.6</i>		<i>25.2</i>		<i>74.2</i>	<i>100.0</i>
2004	1,006		45,855		135,400		182,261
<i>ROW %</i>		<i>0.5</i>		<i>25.2</i>		<i>74.3</i>	<i>100.0</i>
2005	1,117		44,667		129,364		175,148
<i>ROW %</i>		<i>0.6</i>		<i>25.5</i>		<i>73.9</i>	<i>100.0</i>
2006	971		42,164		124,101		167,236
<i>ROW %</i>		<i>0.6</i>		<i>25.2</i>		<i>74.2</i>	<i>100.0</i>
2007	900		40,981		124,171		166,052
<i>ROW %</i>		<i>0.5</i>		<i>24.7</i>		<i>74.8</i>	<i>100.0</i>
2008	845		38,040		116,964		155,849
<i>ROW %</i>		<i>0.5</i>		<i>24.4</i>		<i>75.1</i>	<i>100.0</i>

**TABLE 2.0.2**

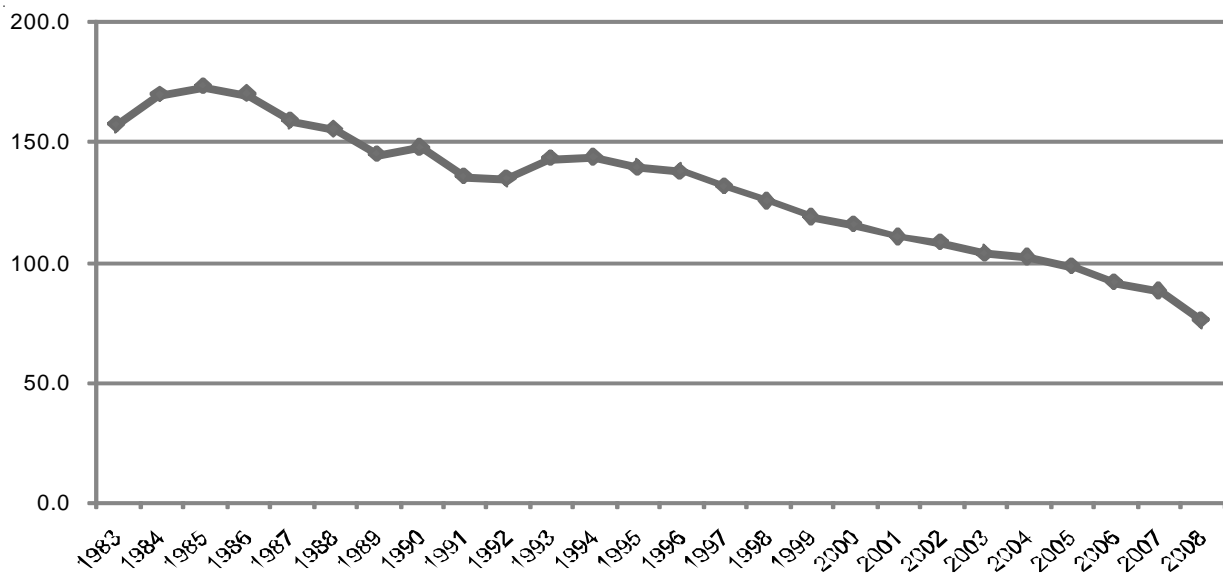
**MISSOURI DEATH RATE<sup>1</sup>**  
**ANNUAL TIME SERIES**



<sup>1</sup>Number of deaths per 100 million miles of vehicle travel.

**FIGURE 2.0.1**

**MISSOURI INJURY RATE<sup>1</sup>**  
**ANNUAL TIME SERIES**



<sup>1</sup>Number of deaths and injuries per 100 million miles of vehicle travel.

**FIGURE 2.0.2**

## 2.1 MISSOURI TRAFFIC CRASHES

***This section presents a series of data displays which identify all Missouri traffic crash activity. Data displays also are provided which describe characteristics of the drivers in these traffic crashes.***

### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 0.5% involved one or more persons being killed in the crash (Fatal) and 24.4% involved no persons killed, but one or more persons injured in the crash (Personal Injury). In 75.1% of the crashes, no persons were killed or injured, but property was damaged during the crash (Property Damage).
- There was a decrease of 6.1% for both the rate of change and fatal traffic crashes when comparing all 2008 traffic crash activity with that in 2007.
- In 2008, 960 persons were killed and 55,149 were injured in traffic crashes in the State of Missouri.
- In 2008, one person was killed or injured in a traffic crash every 9.4 minutes in the State of Missouri.
- Of all 2008 crashes, the first harmful event in 63.3% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 20.7% of the cases, it involved a motor vehicle striking a fixed object. Of all 2008 fatal crashes, 41.8% involved a motor vehicle striking a fixed object.
- Of all 2008 traffic crashes, 65.2% occurred in an urban area of the State and 34.8% occurred in a rural area. However, in fatal crashes 72.1% occurred in rural area.
- Of all drivers in 2008 traffic crashes, 56.0% were male and 44.0% were female. The average age of drivers was 38.5 years.
- Of all drivers in 2008 traffic crashes, 87.4% had a Missouri driver's license, 10.2% had an out-of-state driver's license, and 2.4% were unlicensed at the time of the traffic crash.

***Please note: The number of persons killed and injured in traffic crashes may not necessarily match the number of fatal and personal injury crashes. In any given crash, multiple people may be involved. For example -- there may be one person killed and two injured in a crash, but there is still only one crash.***

### 2007 and 2008 MISSOURI TRAFFIC CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	900	845	- 6.1
PERSONAL INJURY	40,981	38,040	- 7.2
PROPERTY DAMAGE	124,171	116,964	- 5.8
TOTAL	166,052	155,849	- 6.1
PERSONS KILLED	992	960	- 3.2
PERSONS INJURED	60,012	55,149	- 8.1

**TABLE 2.1.1**

### 2008 MISSOURI TRAFFIC CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	3	0.4	395	1.0	4,022	3.4	4,420	2.8
BICYCLIST	2	0.2	516	1.4	104	0.1	622	0.4
FIXED OBJECT	353	41.8	9,791	25.7	22,082	18.9	32,226	20.7
OTHER OBJECT	4	0.5	155	0.4	1,298	1.1	1,457	0.9
PEDESTRIAN	58	6.9	1,152	3.0	110	0.1	1,320	0.9
TRAIN	6	0.7	9	0.0	25	0.0	40	0.0
VEHICLE IN TRANSPORT	311	36.8	22,886	60.2	75,524	64.6	98,721	63.3
VEHICLE ON OTHER ROADWAY	8	1.0	63	0.2	174	0.2	245	0.2
PARKED VEHICLE	6	0.7	725	1.9	11,303	9.7	12,034	7.7
NONCOLLISION OVERTURN	86	10.2	2,048	5.4	1,379	1.2	3,513	2.3
NONCOLLISION OTHER	8	1.0	300	0.8	943	0.8	1,251	0.8
<b>TOTAL</b>	845	100.0	38,040	100.0	116,964	100.0	155,849	100.0

**TABLE 2.1.2**

## 2008 MISSOURI TRAFFIC CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	236	27.9	22,722	59.7	78,605	67.2	101,563	65.2
RURAL	609	72.1	15,318	40.3	38,359	32.8	54,286	34.8
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>

**TABLE 2.1.3**

## 2008 MISSOURI TRAFFIC CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	547	64.8	30,844	81.5	97,936	86.0	129,327	84.7
CURVE	297	35.2	6,987	18.5	16,000	14.0	23,284	15.3
UNKNOWN	1	-	209	-	3,028	-	3,238	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>

**TABLE 2.1.4**

## 2008 MISSOURI TRAFFIC CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	362	42.8	24,779	66.0	80,309	71.1	105,450	69.6
HILL	454	53.7	11,788	31.4	30,025	26.6	42,267	27.9
CREST	29	3.4	1,008	2.7	2,689	2.4	3,726	2.5
UNKNOWN	0	-	465	-	3,941	-	4,406	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>

**TABLE 2.1.5**

## 2008 MISSOURI TRAFFIC CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	670	80.2	28,891	76.4	85,386	73.8	114,947	74.5
WET	136	16.3	6,752	17.9	21,666	18.7	28,554	18.5
SNOW	15	1.8	993	2.6	4,304	3.7	5,312	3.4
ICE	12	1.4	1,015	2.7	3,806	3.3	4,833	3.1
SLUSH	1	0.1	113	0.3	364	0.3	478	0.3
MUD	1	0.1	21	0.1	38	0.0	60	0.0
STANDING WATER	0	0.0	10	0.0	63	0.1	73	0.1
MOVING WATER	0	0.0	14	0.0	46	0.0	60	0.0
UNKNOWN	10	-	231	-	1,291	-	1,532	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>

**TABLE 2.1.6**

## 2008 MISSOURI TRAFFIC CRASHES

### LIGHT CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DAYLIGHT	445	52.7	26,689	70.2	82,576	70.6	109,710	70.4
DARK -- STREET LIGHTS ON	116	13.7	5,963	15.7	19,634	16.8	25,713	16.5
DARK -- STREET LIGHTS OFF	6	0.7	160	0.4	704	0.6	870	0.6
DARK -- NO STREET LIGHTS	264	31.2	4,739	12.5	11,340	9.7	16,343	10.5
INDETERMINATE	14	1.7	489	1.3	2,710	2.3	3,213	2.1
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>

**TABLE 2.1.7**

## 2008 MISSOURI TRAFFIC CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	110	13.0	4,296	11.3	14,660	12.5	19,066	12.2
U.S. HIGHWAY	157	18.6	4,164	11.0	10,582	9.1	14,903	9.6
STATENUMBERED	195	23.1	6,724	17.7	16,423	14.0	23,342	15.0
SINGLESTATELETTERED	105	12.4	2,724	7.2	5,311	4.5	8,140	5.2
DOUBLESTATELETTERED	33	3.9	1,194	3.1	2,284	2.0	3,511	2.3
OUTER ROAD	5	0.6	251	0.7	738	0.6	994	0.6
COUNTY ROAD	93	11.0	3,289	8.7	8,056	6.9	11,438	7.3
CITY STREET	136	16.1	14,268	37.5	54,460	46.6	68,864	44.2
INTERSTATELOOP	0	0.0	188	0.5	483	0.4	671	0.4
OTHER <sup>1</sup>	11	1.3	942	2.5	3,967	3.4	4,920	3.2
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>

<sup>1</sup>"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 2.1.8**

# 2008 MISSOURI TRAFFIC CRASHES

## HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	48	20.3	2,743	12.1	8,673	11.0	11,464	11.3	62	10.2	1,553	10.1	5,987	15.6	7,602	14.0
U.S. HIGHWAY	24	10.2	1,905	8.4	5,359	6.8	7,288	7.2	133	21.8	2,259	14.8	5,223	13.6	7,615	14.0
STATE NUMBERED	24	10.2	2,838	12.5	8,272	10.5	11,134	11.0	171	28.1	3,886	25.4	8,151	21.3	12,208	22.5
SINGLE STATE LETTERED	6	2.5	452	2.0	1,520	1.9	1,978	2.0	99	16.3	2,272	14.8	3,791	9.9	6,162	11.4
DOUBLE STATE LETTERED	3	1.3	286	1.3	830	1.1	1,119	1.1	30	4.9	908	5.9	1,454	3.8	2,392	4.4
OUTER ROAD	1	0.4	141	0.6	462	0.6	604	0.6	4	0.7	110	0.7	276	0.7	390	0.7
COUNTY ROAD	8	3.4	314	1.4	927	1.2	1,249	1.2	85	14.0	2,975	19.4	7,129	18.6	10,189	18.8
CITY STREET	118	50.0	13,198	58.1	49,428	62.9	62,744	61.8	18	3.0	1,070	7.0	5,032	13.1	6,120	11.3
INTERSTATE LOOP	0	0.0	141	0.6	374	0.5	515	0.5	0	0.0	47	0.3	109	0.3	156	0.3
OTHER <sup>1</sup>	4	1.7	704	3.1	2,760	3.5	3,468	3.4	7	1.2	238	1.6	1,207	3.2	1,452	2.7
TOTAL	236	100.0	22,722	100.0	78,605	100.0	101,563	100.0	609	100.0	15,318	100.0	38,359	100.0	54,286	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 2.1.9**

**2008 MISSOURI TRAFFIC CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	13,532	8.7
FEBRUARY	13,375	8.6
MARCH	11,561	7.4
APRIL	12,158	7.8
MAY	12,995	8.3
JUNE	12,468	8.0
JULY	12,219	7.8
AUGUST	12,242	7.9
SEPTEMBER	12,610	8.1
OCTOBER	13,980	9.0
NOVEMBER	13,066	8.4
DECEMBER	15,643	10.0
<b>TOTAL</b>	155,849	100.0

**TABLE 2.1.10****2008 MISSOURI TRAFFIC CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	15,352	9.9
MONDAY	21,899	14.1
TUESDAY	24,386	15.7
WEDNESDAY	23,648	15.2
THURSDAY	24,513	15.8
FRIDAY	26,113	16.8
SATURDAY	19,618	12.6
<b>TOTAL</b>	155,529	100.0

Unknown Data Not Included

**TABLE 2.1.11**

## 2008 MISSOURI TRAFFIC CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	3,000	2.0
01:00A - 01:59A	2,882	1.9
02:00A - 02:59A	2,026	1.3
03:00A - 03:59A	1,731	1.1
04:00A - 04:59A	1,333	0.9
05:00A - 05:59A	2,013	1.3
06:00A - 06:59A	4,314	2.8
07:00A - 07:59A	8,829	5.7
08:00A - 08:59A	7,675	5.0
09:00A - 09:59A	6,351	4.1
10:00A - 10:59A	6,673	4.3
11:00A - 11:59A	8,145	5.3
NOON - 12:59P	9,491	6.2
01:00P - 01:59P	9,161	5.9
02:00P - 02:59P	9,995	6.5
03:00P - 03:59P	13,001	8.4
04:00P - 04:59P	12,500	8.1
05:00P - 05:59P	12,573	8.2
06:00P - 06:59P	8,533	5.5
07:00P - 07:59P	6,182	4.0
08:00P - 08:59P	5,166	3.4
09:00P - 09:59P	5,017	3.3
10:00P - 10:59P	4,186	2.7
11:00P - MIDNIGHT	3,458	2.2
<b>TOTAL</b>	154,235	100.0

Unknown Data Not Included

**TABLE 2.1.12**

## 2008 MISSOURI TRAFFIC CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY<sup>1</sup>

FATAL CRASHES = 845		TOTAL CRASHES = 155,848
VEHICLE DEFECTS	1.3	2.6
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	1.2	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	43.6	18.8
IMPROPER PASSING	2.0	1.6
VIOLATION OF STOP SIGN	3.4	4.1
WRONG SIDE NOT PASSING	13.8	1.7
FOLLOWING TOO CLOSE	2.0	13.9
IMPROPER SIGNAL	0.0	0.2
IMPROPER BACKING	0.2	3.2
IMPROPER TURN	0.7	3.5
IMPROPER LANE USAGE / CHANGE	20.7	10.1
WRONG WAY ONE-WAY STREET	1.2	0.2
IMPROPER START FROM PARK	0.2	0.3
IMPROPERLY PARKED	0.4	0.4
FAILED TO YIELD	13.0	15.6
DRINKING	27.3	4.7
DRUGS	4.1	0.7
PHYSICAL IMPAIRMENT	4.1	1.8
INATTENTION	23.1	27.6

<sup>1</sup>This table identifies the percentage of Missouri traffic crashes having a specific type of circumstance which contributed to the cause of the crash. For instance, when examining drinking involvement in 2008 Missouri fatal traffic crashes, it was found that in 27.3% of the crashes one or more drivers were drinking. In all traffic crashes, 4.7% had one or more drivers who were drinking.

**TABLE 2.1.13**

## CAUSES OF DRIVER INATTENTION IN 2008 MISSOURI TRAFFIC CRASHES

### TYPE OF INATTENTION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
CELL PHONE	13	6.8	524	5.2	1,251	4.1	1,788	4.4
AUDIO/VIDEO EQUIPMENT	0	0.0	195	1.9	440	1.4	635	1.5
COMPUTER EQUIPMENT	1	0.5	19	0.2	51	0.2	71	0.2
PASSENGER	8	4.2	319	3.1	605	1.9	932	2.3
TOBACCO USE	2	1.1	75	0.7	143	0.5	220	0.5
EATING/DRINKING	2	1.1	145	1.4	279	0.9	426	1.0
READING	0	0.0	30	0.3	81	0.3	111	0.3
GROOMING	0	0.0	16	0.2	44	0.1	60	0.1
OTHER	164	86.3	8,893	87.0	27,727	90.5	36,784	89.7
UNKNOWN	8	-	708	-	2,771	-	3,487	-
<b>TOTAL</b>	198	100.0	10,924	100.0	33,392	100.0	44,514	100.0

**TABLE 2.1.14**

## DRIVERS IN 2008 MISSOURI TRAFFIC CRASHES

### DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	29	2.3	1,418	2.1	13,412	6.3	14,859	5.3
KNOWN DRIVER	1,245	96.9	64,683	95.7	184,046	87.0	249,974	89.1
UNKNOWN DRIVER	11	0.9	1,486	2.2	14,094	6.7	15,591	5.6
<b>TOTAL</b>	1,285	100.0	67,587	100.0	211,552	100.0	280,424	100.0

**TABLE 2.1.15**

## DRIVERS IN 2008 MISSOURI TRAFFIC CRASHES

### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	946	76.0	35,574	55.0	102,149	56.2	138,669	56.0
FEMALE	299	24.0	29,103	45.0	79,738	43.8	109,140	44.0
UNKNOWN	11	-	1,492	-	16,253	-	17,756	-
<b>TOTAL</b>	1,256	100.0	66,169	100.0	198,140	100.0	265,565	100.0

**TABLE 2.1.16**

## DRIVERS IN 2008 MISSOURI TRAFFIC CRASHES

### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	41.4	-	38.3	-	38.5	-	38.5	-
14 YEARS AND UNDER	4	0.3	246	0.4	104	0.1	354	0.1
15 - 20 YEARS	162	13.0	10,800	16.8	29,510	16.4	40,472	16.5
21 - 25 YEARS	137	11.0	8,540	13.3	24,137	13.4	32,814	13.4
26 - 30 YEARS	136	10.9	6,940	10.8	19,501	10.8	26,577	10.8
31 - 35 YEARS	105	8.5	5,505	8.6	15,527	8.6	21,137	8.6
36 - 40 YEARS	97	7.8	5,478	8.5	15,659	8.7	21,234	8.6
41 - 45 YEARS	120	9.7	5,510	8.6	15,381	8.5	21,011	8.6
46 - 50 YEARS	109	8.8	5,522	8.6	15,453	8.6	21,084	8.6
51 - 55 YEARS	97	7.8	4,585	7.1	13,100	7.3	17,782	7.2
56 - 60 YEARS	89	7.2	3,569	5.6	10,249	5.7	13,907	5.7
61 - 65 YEARS	49	3.9	2,620	4.1	7,472	4.2	10,141	4.1
66 YEARS AND OVER	138	11.1	4,954	7.7	14,100	7.8	19,192	7.8
UNKNOWN	13	-	1,900	-	17,947	-	19,860	-
<b>TOTAL</b>	1,256	100.0	66,169	100.0	198,140	100.0	265,565	100.0

**TABLE 2.1.17**

**DRIVERS IN 2008 MISSOURI TRAFFIC CRASHES**

**DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>MISSOURI</b>								
LEARNER'S PERMIT	5	0.4	344	0.6	738	0.4	1,087	0.5
OPERATOR'S LICENSE	839	68.6	50,734	80.9	140,477	80.7	192,050	80.6
MOTORCYCLE ONLY	0	0.0	7	0.0	6	0.0	13	0.0
COMMERCIAL DRIVER'S LICENSE	113	9.2	3,609	5.8	11,337	6.5	15,059	6.3
SUBTOTAL	957	78.2	54,694	87.2	152,558	87.6	208,209	87.4
<b>OUTSTATE</b>								
LEARNER'S PERMIT	0	0.0	11	0.0	24	0.0	35	0.0
OPERATOR'S LICENSE	101	8.3	4,864	7.8	14,987	8.6	19,952	8.4
MOTORCYCLE ONLY	0	0.0	0	0.0	1	0.0	1	0.0
COMMERCIAL DRIVER'S LICENSE	56	4.6	869	1.4	3,360	1.9	4,285	1.8
SUBTOTAL	157	12.8	5,744	9.2	18,372	10.5	24,273	10.2
UNLICENSED	110	9.0	2,311	3.7	3,255	1.9	5,676	2.4
UNKNOWN	32	-	3,420	-	23,955	-	27,407	-
<b>TOTAL</b>	<b>1,256</b>	<b>100.0</b>	<b>66,169</b>	<b>100.0</b>	<b>198,140</b>	<b>100.0</b>	<b>265,565</b>	<b>100.0</b>

**TABLE 2.1.18**

# VEHICLES IN 2008 MISSOURI TRAFFIC CRASHES

## TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	504	39.3	36,686	54.4	115,095	55.5	152,285	55.1
SPORT UTILITY VEHICLE	176	13.7	10,387	15.4	31,955	15.4	42,518	15.4
LIMOUSINE	0	0.0	12	0.0	51	0.0	63	0.0
VAN	73	5.7	4,551	6.8	13,829	6.7	18,453	6.7
BUS	6	0.5	257	0.4	1,159	0.6	1,422	0.5
SCHOOL BUS	1	0.1	145	0.2	814	0.4	960	0.4
MOTORCYCLE	103	8.0	2,013	3.0	525	0.3	2,641	1.0
ALL TERRAIN VEHICLE	16	1.3	182	0.3	38	0.0	236	0.1
MOPED	1	0.1	90	0.1	26	0.0	117	0.0
BICYCLE	2	0.2	521	0.8	105	0.1	628	0.2
MOTOR HOME / CAMPER	0	0.0	23	0.0	86	0.0	109	0.0
FARM EQUIPMENT	2	0.2	48	0.1	135	0.1	185	0.1
CONSTRUCTION EQUIPMENT	1	0.1	32	0.1	162	0.1	195	0.1
OTHER TRANSPORT DEVICE	10	0.8	80	0.1	371	0.2	461	0.2
PICK-UP	272	21.2	10,213	15.2	33,620	16.2	44,105	16.0
OTHER TRUCK	115	9.0	2,177	3.2	9,519	4.6	11,811	4.3
UNKNOWN	3	-	170	-	4,062	-	4,235	-
<b>TOTAL</b>	1,285	100.0	67,587	100.0	211,552	100.0	280,424	100.0

**TABLE 2.1.19**

**PERSONS KILLED AND INJURED IN 2008 MISSOURI TRAFFIC CRASHES**

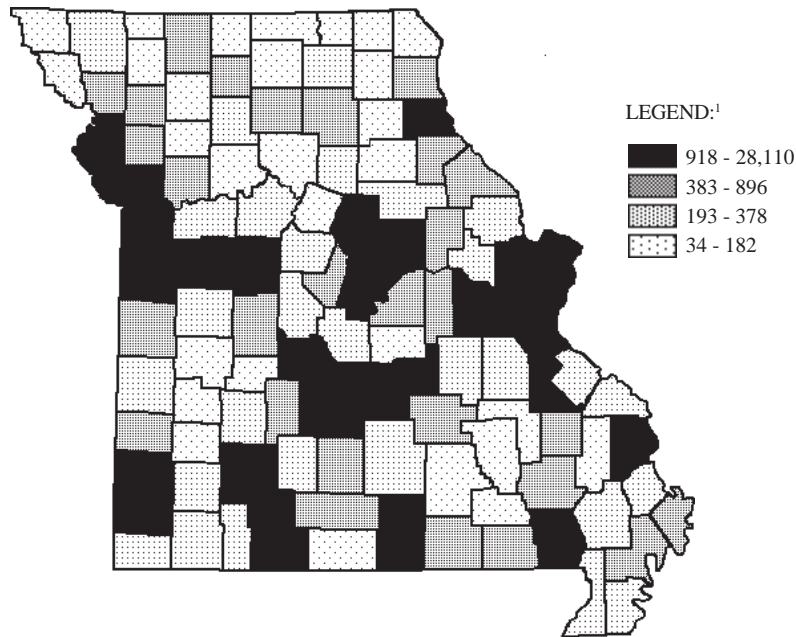
**CRASH TYPE BY PERSONAL INJURY SEVERITY**

	<b>KILLED</b>	<b>%</b>	<b>INJURED</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
ANIMAL	3	0.3	475	0.9	478	0.9
BICYCLIST	2	0.2	532	1.0	534	1.0
FIXED OBJECT	389	40.5	12,637	22.9	13,026	23.2
OTHER OBJECT	4	0.4	186	0.3	190	0.3
PEDESTRIAN	59	6.2	1,248	2.3	1,307	2.3
TRAIN	6	0.6	15	0.0	21	0.0
VEHICLE IN TRANSPORT	375	39.1	35,958	65.2	36,333	64.8
VEHICLE ON OTHER ROADWAY	9	0.9	114	0.2	123	0.2
PARKED VEHICLE	6	0.6	903	1.6	909	1.6
NONCOLLISION OVERTURN	98	10.2	2,720	4.9	2,818	5.0
NONCOLLISION OTHER	9	0.9	361	0.7	370	0.7
<b>TOTAL</b>	<b>960</b>	<b>100.0</b>	<b>55,149</b>	<b>100.0</b>	<b>56,109</b>	<b>100.0</b>

**TABLE 2.1.20**

## 2008 MISSOURI TRAFFIC CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup>LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	28,110	18.0	22.0	JOHNSON	1,130	0.7
2.0	JACKSON	22,179	14.2	23.0	CHRISTIAN	1,106	0.7
3.0	ST. LOUIS CITY	15,265	9.8	24.5	CAMDEN	1,066	0.7
4.0	ST. CHARLES	7,932	5.1	24.5	LACLEDE	1,066	0.7
5.0	GREENE	7,556	4.8	26.0	CALLAWAY	1,025	0.7
6.0	CLAY	5,303	3.4	27.0	PULASKI	982	0.6
7.0	JEFFERSON	4,927	3.2	28.0	HOWELL	943	0.6
8.0	BOONE	3,755	2.4	29.0	MARION	918	0.6
9.0	JASPER	3,225	2.1				First Quartile
10.0	FRANKLIN	2,875	1.8				Second Quartile
11.0	BUCHANAN	2,831	1.8	30.0	SCOTT	896	0.6
12.0	CAPE GIRARDEAU	2,581	1.7	31.0	LINCOLN	871	0.6
13.0	PLATTE	2,563	1.6	32.0	LAFAYETTE	790	0.5
14.0	CASS	1,837	1.2	33.0	LAWRENCE	707	0.5
15.0	COLE	1,691	1.1	34.0	RANDOLPH	677	0.4
16.0	PHELPS	1,504	1.0	35.0	BARRY	670	0.4
17.0	TANEY	1,484	1.0	36.0	WARREN	656	0.4
18.0	BUTLER	1,383	0.9	37.0	SALINE	641	0.4
19.0	ST. FRANCOIS	1,340	0.9	38.0	DUNKLIN	612	0.4
20.0	PETTIS	1,276	0.8	39.5	STONE	604	0.4
21.0	NEWTON	1,269	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
39.5	WEBSTER	604	0.4	78.0	HARRISON	226	0.1
41.0	CRAWFORD	587	0.4	79.0	RALLS	223	0.1
42.0	MILLER	540	0.3	80.0	OREGON	217	0.1
43.0	STODDARD	533	0.3	81.0	GRUNDY	216	0.1
44.0	COOPER	519	0.3	82.0	DE KALB	214	0.1
45.0	POLK	508	0.3	83.5	LEWIS	212	0.1
46.0	AUDRAIN	486	0.3	83.5	MADISON	212	0.1
47.0	PEMISCOT	477	0.3	85.0	BARTON	198	0.1
48.0	NODAWAY	451	0.3	86.0	DOUGLAS	193	0.1
49.0	HENRY	447	0.3				Third Quartile
50.0	PERRY	441	0.3				
51.0	MCDONALD	428	0.3				Fourth Quartile
52.0	VERNON	424	0.3	87.5	BOLLINGER	182	0.1
53.0	TEXAS	422	0.3	87.5	IRON	182	0.1
54.0	MORGAN	410	0.3	89.0	ST. CLAIR	174	0.1
55.0	LIVINGSTON	405	0.3	90.0	CEDAR	163	0.1
56.0	STE. GENEVIEVE	393	0.3	91.0	MARIES	158	0.1
57.0	WASHINGTON	384	0.2	92.0	DAVIESS	150	0.1
58.0	ADAIR	383	0.2	93.0	CARROLL	149	0.1
			Second Quartile	94.0	CALDWELL	142	0.1
				95.0	MONROE	141	0.1
			Third Quartile	96.0	REYNOLDS	137	0.1
59.0	NEW MADRID	378	0.2	97.0	HOWARD	133	0.1
60.0	BENTON	359	0.2	98.0	SULLIVAN	130	0.1
61.0	RAY	356	0.2	99.0	OZARK	127	0.1
62.0	MONTGOMERY	343	0.2	100.0	CARTER	123	0.1
63.0	GASCONADE	327	0.2	101.0	HOLT	114	0.1
64.0	PIKE	300	0.2	102.0	ATCHISON	112	0.1
65.0	DENT	299	0.2	103.0	GENTRY	109	0.1
66.0	MACON	293	0.2	104.0	CHARITON	107	0.1
67.0	WAYNE	292	0.2	105.0	SHANNON	105	0.1
68.0	ANDREW	289	0.2	106.0	CLARK	99	0.1
69.0	CLINTON	285	0.2	107.0	SCOTLAND	88	0.1
70.0	RIPLEY	276	0.2	108.5	HICKORY	84	0.1
71.0	BATES	269	0.2	108.5	PUTNAM	84	0.1
72.0	MONITEAU	265	0.2	110.0	SHELBY	77	0.0
73.0	DALLAS	248	0.2	110.0	DADE	71	0.0
74.0	MISSISSIPPI	244	0.2	112.0	SCHUYLER	52	0.0
75.0	WRIGHT	242	0.2	113.0	MERCER	51	0.0
76.0	OSAGE	241	0.2	114.0	WORTH	36	0.0
77.0	LINN	229	0.1	115.0	KNOX	34	0.0

**TABLE 2.1.21**

## 2008 MISSOURI TRAFFIC CRASHES

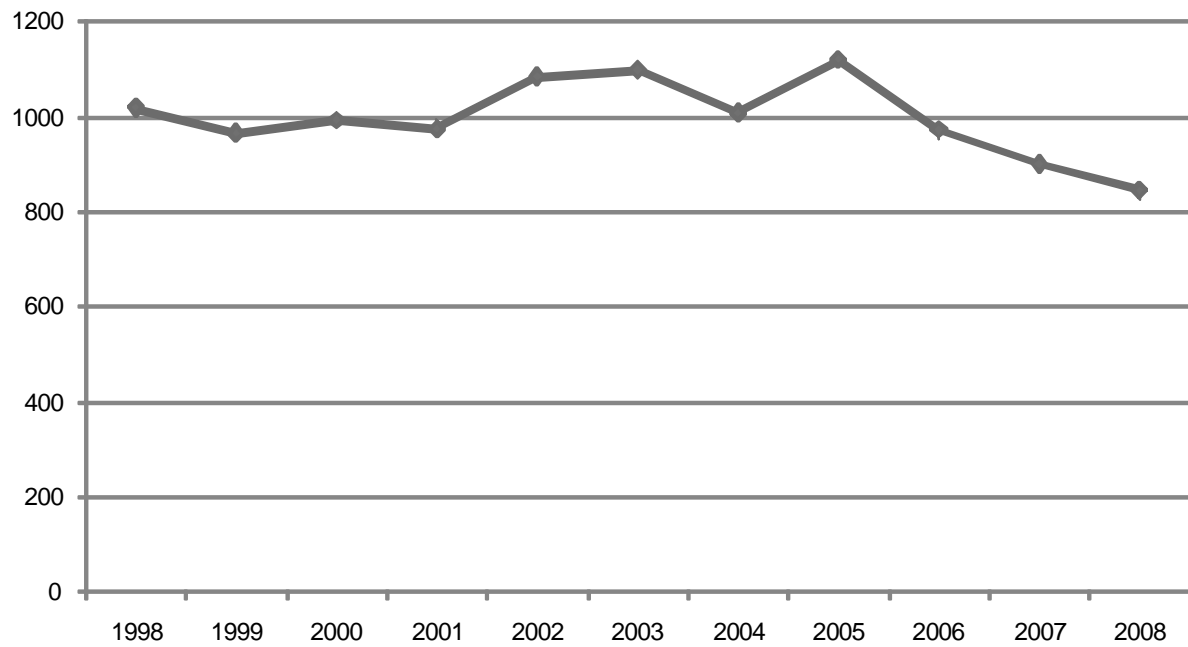
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	17,348	15.4
2.0	ST. LOUIS	15,269	13.5
3.0	SPRINGFIELD	6,102	5.4
4.0	INDEPENDENCE	3,302	2.9
5.0	COLUMBIA	2,906	2.6
6.0	ST. JOSEPH	2,566	2.3
7.0	JOPLIN	2,148	1.9
8.0	LEE'S SUMMIT	2,125	1.9
9.0	ST. CHARLES	1,825	1.6
10.0	CAPE GIRARDEAU	1,754	1.6
11.0	ST. PETERS	1,606	1.4
12.0	FLORISSANT	1,596	1.4
13.0	CREVE COEUR	1,428	1.3
14.0	O'FALLON	1,422	1.3
15.0	JEFFERSON CITY	1,344	1.2
16.0	KIRKWOOD	1,174	1.0
17.0	MARYLAND HEIGHTS	1,147	1.0
18.0	BLUE SPRINGS	1,143	1.0
19.0	CHESTERFIELD	1,125	1.0
20.0	POPLAR BLUFF	911	0.8
21.0	HAZELWOOD	891	0.8
22.0	LIBERTY	870	0.8
23.0	SEDALIA	867	0.8
24.0	BRIDGETON	855	0.8
25.0	ARNOLD	801	0.7
26.0	SUNSET HILLS	780	0.7
27.0	ROLLA	757	0.7
28.0	BRANSON	740	0.7
29.0	UNIVERSITY CITY	711	0.6
30.0	TOWN AND COUNTRY	696	0.6
31.0	OVERLAND	660	0.6
32.0	BELTON	658	0.6
33.0	CLAYTON	634	0.6
34.0	HANNIBAL	626	0.6
35.0	RICHMOND HEIGHTS	580	0.5
36.0	BERKELEY	575	0.5
37.0	WENTZVILLE	555	0.5
38.0	RAYTOWN	550	0.5
39.0	LEBANON	536	0.5
40.0	WARRENSBURG	522	0.5
41.0	GLADSTONE	520	0.5

<sup>1</sup>Percentage is based on traffic crashes which occurred in Missouri municipalities with populations of 1,000 or more.  
Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 2.1.22**

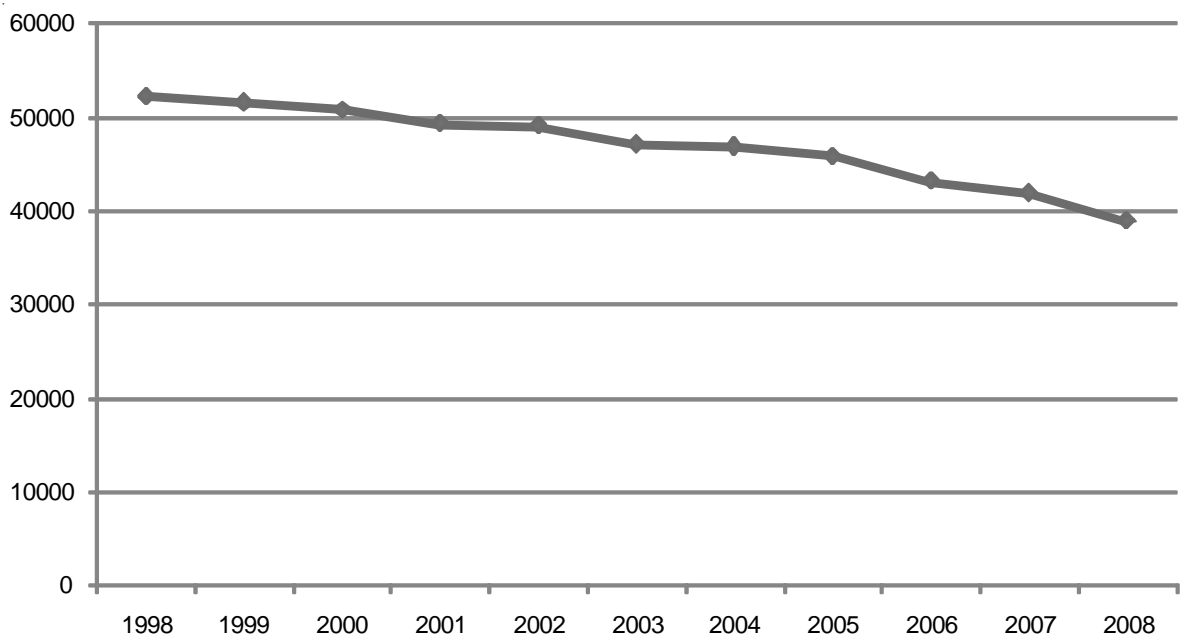
**MISSOURI FATAL CRASHES  
ANNUAL TIME SERIES**



**FIGURE 2.1.1**

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**MISSOURI FATAL AND PERSONAL INJURY CRASHES  
ANNUAL TIME SERIES**



**FIGURE 2.1.2**

### **3.0 MISSOURI DETAIL TRAFFIC SAFETY PROBLEM ANALYSIS**

*A SERIES OF TABLES AND FIGURES SUMMARIZES MISSOURI'S TRAFFIC CRASH EXPERIENCE AS IT RELATES TO SPECIFIC TYPES OF CAUSATIVE FACTORS OR CHARACTERISTICS WHICH AFFECT THE FREQUENCY OF OCCURRENCE OR THE SEVERITY OF THE CRASH. DETAIL ANALYSIS IS PROVIDED FOR THE FOLLOWING SPECIFIC TYPES :*

- *SPEED INVOLVEMENT*
- *DRINKING INVOLVEMENT*
- *YOUNG DRIVER INVOLVEMENT*
- *OLDER DRIVER INVOLVEMENT*
- *COMMERCIAL MOTOR VEHICLE INVOLVEMENT*
- *MOTORCYCLE INVOLVEMENT*
- *SCHOOL BUS INVOLVEMENT*
- *BICYCLE INVOLVEMENT*
- *PEDESTRIAN INVOLVEMENT*
- *FIXED OBJECT INVOLVEMENT*
- *HAZARDOUS MATERIAL INVOLVEMENT*
- *CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT*
- *SEAT BELT USAGE*

### 3.1 SPEED INVOLVEMENT

***This section presents a series of data displays which identify speed involvement in Missouri's traffic crash experience. Speed-involved traffic crashes are defined as any crash in which one or more drivers of motorized vehicles were exceeding the speed limit or driving too fast for conditions and, in the opinion of the investigating law enforcement officer, the driver error contributed to the cause of the crash. Data displays also are presented which identify characteristics of the speeding driver in these traffic crashes.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 19.3% were speed related. Of all fatal traffic crashes, 44.2% were speed related. A total of 426 persons were killed and 13,239 were injured in speed-related traffic crashes.
- There was a decrease of 5.4% in the rate of change when comparing total 2008 speed-related crashes with those in 2007. There was a decrease of 0.5% when comparing 2008 fatal speed-related traffic crashes with 2007.
- In 2008, one person was killed or injured in a speed-related traffic crash every 38.5 minutes in the State of Missouri.
- Of all 2008 speed-related traffic crashes, the first harmful event in 36.8% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 50.1% of the cases, the first harmful event involved a motor vehicle striking a fixed object. Of all fatal speed-related traffic crashes, 57.3% involved a motor vehicle striking a fixed object.
- Of all 2008 speed-related traffic crashes, 50.1% occurred in urban areas of the State and 49.9% occurred in rural areas. However, 66.6% of the fatal speed-related traffic crashes occurred in a rural area.
- Of the speeding drivers in traffic crashes, 62.9% were male and 37.1% were female. The average age of speeding drivers was 32.4 years.
- Of the speeding drivers, 83.8% had a Missouri driver's license, 10.7% had an out-of-state driver's license, and 5.5% were unlicensed at the time of the traffic crash.
- Of the speeding drivers, 55.4% were driving an automobile and 18.9% were driving a pickup truck at the time of the crash.
- Of the speeding drivers in fatal traffic crashes, 37.0% had been drinking or had taken drugs which also contributed to the cause of the fatal traffic crash.

## 2008 MISSOURI TRAFFIC CRASHES

### SPEED INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	NUMBER <sup>1</sup> INJURED	SPEEDING DRIVERS <sup>2</sup> KILLED	INJURED
SPEED INVOLVED	368	44.2	9,078	24.1	19,811	17.5	29,257	19.3	426	13,239	279	6,807
NO SPEED INVOLVED	465	55.8	28,523	75.9	93,667	82.5	122,655	80.7	518	41,324	-	-
UNKNOWN <sup>3</sup>	12	-	439	-	3,496	-	3,947	-	16	586	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,974</b>	<b>100.0</b>	<b>155,859</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>279</b>	<b>6,807</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more drivers of motorized vehicles were speeding.

<sup>2</sup>This statistic indicates the number of speeding drivers killed and injured in motorized vehicles.

<sup>3</sup>Crashes were classified as unknown if there was no indication that speed was involved and the contributing circumstances of one or more drivers were not known.

**TABLE 3.1.1**

### 2007 and 2008 SPEED-INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	370	368	-0.5
PERSONAL INJURY	9,886	9,078	-8.2
PROPERTY DAMAGE	20,679	19,811	-4.2
TOTAL	30,935	29,257	-5.4

**TABLE 3.1.2**

### 2008 SPEED-INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	12	0.1	19	0.1	31	0.1
BICYCLIST	0	0.0	13	0.1	1	0.0	14	0.1
FIXED OBJECT	211	57.3	4,511	49.7	9,945	50.2	14,667	50.1
OTHER OBJECT	1	0.3	43	0.5	116	0.6	160	0.6
PEDESTRIAN	7	1.9	69	0.8	5	0.0	81	0.3
TRAIN	0	0.0	2	0.0	1	0.0	3	0.0
VEHICLE IN TRANSPORT	95	25.8	3,123	34.4	7,558	38.2	10,776	36.8
VEHICLE ON OTHER ROADWAY	5	1.4	21	0.2	17	0.1	43	0.2
PARKED VEHICLE	2	0.5	180	2.0	1,208	6.1	1,390	4.8
NONCOLLISION OVERTURN	44	12.0	1,020	11.2	760	3.8	1,824	6.2
NONCOLLISION OTHER	3	0.8	84	0.9	181	0.9	268	0.9
<b>TOTAL</b>	368	100.0	9,078	100.0	19,811	100.0	29,257	100.0

**TABLE 3.1.3**

## 2008 SPEED-INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	123	33.4	3,997	44.0	10,544	53.2	14,664	50.1
RURAL	245	66.6	5,081	56.0	9,267	46.8	14,593	49.9
<b>TOTAL</b>	<b>368</b>	<b>100.0</b>	<b>9,078</b>	<b>100.0</b>	<b>19,811</b>	<b>100.0</b>	<b>29,257</b>	<b>100.0</b>

**TABLE 3.1.4**

## 2008 SPEED-INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	189	51.4	5,875	65.1	14,137	72.5	20,201	69.9
CURVE	179	48.6	3,156	35.0	5,365	27.5	8,700	30.1
UNKNOWN	0	-	47	-	309	-	356	-
<b>TOTAL</b>	<b>368</b>	<b>100.0</b>	<b>9,078</b>	<b>100.0</b>	<b>19,811</b>	<b>100.0</b>	<b>29,257</b>	<b>100.0</b>

**TABLE 3.1.5**

## 2008 SPEED-INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	135	36.7	4,869	54.2	11,370	58.6	16,374	57.0
HILL	220	59.8	3,815	42.5	7,424	38.3	11,459	39.9
CREST	13	3.5	301	3.4	604	3.1	918	3.2
UNKNOWN	0	-	93	-	413	-	506	-
<b>TOTAL</b>	<b>368</b>	<b>100.0</b>	<b>9,078</b>	<b>100.0</b>	<b>19,811</b>	<b>100.0</b>	<b>29,257</b>	<b>100.0</b>

**TABLE 3.1.6**

## 2008 SPEED-INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	272	74.9	4,445	49.2	6,115	31.1	10,832	37.3
WET	63	17.4	2,888	32.0	7,643	38.8	10,594	36.4
SNOW	14	3.9	771	8.5	2,856	14.5	3,641	12.5
ICE	12	3.3	829	9.2	2,794	14.2	3,635	12.5
SLUSH	1	0.3	77	0.9	211	1.1	289	1.0
MUD	1	0.3	12	0.1	15	0.1	28	0.1
STANDING WATER	0	0.0	5	0.1	33	0.2	38	0.1
MOVING WATER	0	0.0	6	0.1	14	0.1	20	0.1
UNKNOWN	5	-	45	-	130	-	180	-
<b>TOTAL</b>	368	100.0	9,078	100.0	19,811	100.0	29,257	100.0

**TABLE 3.1.7**

## 2008 SPEED-INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	49	13.3	1,410	15.5	4,039	20.4	5,498	18.8
U.S. HIGHWAY	56	15.2	905	10.0	1,986	10.0	2,947	10.1
STATE NUMBERED	66	17.9	1,463	16.1	2,636	13.3	4,165	14.2
SINGLE STATE LETTERED	45	12.2	905	10.0	1,202	6.1	2,152	7.4
DOUBLE STATE LETTERED	15	4.1	398	4.4	500	2.5	913	3.1
OUTER ROAD	2	0.5	58	0.6	109	0.6	169	0.6
COUNTY ROAD	55	15.0	1,401	15.4	2,253	11.4	3,709	12.7
CITY STREET	76	20.7	2,374	26.2	6,623	33.4	9,073	31.0
INTERSTATE LOOP	0	0.0	13	0.1	40	0.2	53	0.2
OTHER <sup>1</sup>	4	1.1	151	1.7	423	2.1	578	2.0
<b>TOTAL</b>	368	100.0	9,078	100.0	19,811	100.0	29,257	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.1.8**

# 2008 SPEED-INVOLVED CRASHES

## HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	26	21.1	864	21.6	2,030	19.3	2,920	19.9	23	9.4	546	10.8	2,009	21.7	2,578	17.7
U.S. HIGHWAY	9	7.3	324	8.1	790	7.5	1,123	7.7	47	19.2	581	11.4	1,196	12.9	1,824	12.5
STATE NUMBERED	12	9.8	366	9.2	913	8.7	1,291	8.8	54	22.0	1,097	21.6	1,723	18.6	2,874	19.7
SINGLE STATE LETTERED	0	0.0	64	1.6	194	1.8	258	1.8	45	18.4	841	16.6	1,008	10.9	1,894	13.0
DOUBLE STATE LETTERED	1	0.8	41	1.0	75	0.7	117	0.8	14	5.7	357	7.0	425	4.6	796	5.5
OUTER ROAD	0	0.0	25	0.6	65	0.6	90	0.6	2	0.8	33	0.7	44	0.5	79	0.5
COUNTY ROAD	4	3.3	79	2.0	152	1.4	235	1.6	51	20.8	1,322	26.0	2,101	22.7	3,474	23.8
CITY STREET	70	56.9	2,145	53.7	6,038	57.3	8,253	56.3	6	2.5	229	4.5	585	6.3	820	5.6
INTERSTATE LOOP	0	0.0	9	0.2	27	0.3	36	0.3	0	0.0	4	0.1	13	0.1	17	0.1
OTHER <sup>1</sup>	1	0.8	80	2.0	260	2.5	341	2.3	3	1.2	71	1.4	163	1.8	237	1.6
TOTAL	123	100.0	3,997	100.0	10,544	100.0	14,664	100.0	245	100.0	5,081	100.0	9,267	100.0	14,593	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.1.9**

## 2008 MISSOURI SPEED-INVOLVED CRASHES

### MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	3,393	11.6
FEBRUARY	4,315	14.8
MARCH	2,027	6.9
APRIL	1,659	5.7
MAY	1,913	6.5
JUNE	1,780	6.1
JULY	1,876	6.4
AUGUST	1,546	5.3
SEPTEMBER	1,938	6.6
OCTOBER	1,881	6.4
NOVEMBER	2,013	6.9
DECEMBER	4,916	16.8
<b>TOTAL</b>	29,257	100.0

**TABLE 3.1.10**

## 2008 MISSOURI SPEED-INVOLVED CRASHES

### DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	3,286	11.3
MONDAY	3,871	13.3
TUESDAY	5,313	18.2
WEDNESDAY	3,922	13.4
THURSDAY	5,253	18.0
FRIDAY	4,175	14.3
SATURDAY	3,398	11.6
<b>TOTAL</b>	28,218	100.0

Unknown Data Not Included

**TABLE 3.1.11**

## 2008 MISSOURI SPEED-INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	871	3.0
01:00A - 01:59A	866	3.0
02:00A - 02:59A	641	2.2
03:00A - 03:59A	518	1.8
04:00A - 04:59A	432	1.5
05:00A - 05:59A	617	2.1
06:00A - 06:59A	1,156	4.0
07:00A - 07:59A	2,078	7.2
08:00A - 08:59A	1,766	6.1
09:00A - 09:59A	1,257	4.3
10:00A - 10:59A	1,174	4.1
11:00A - 11:59A	1,276	4.4
NOON - 12:59P	1,462	5.0
01:00P - 01:59P	1,323	4.6
02:00P - 02:59P	1,509	5.2
03:00P - 03:59P	1,827	6.3
04:00P - 04:59P	1,825	6.3
05:00P - 05:59P	1,757	6.1
06:00P - 06:59P	1,340	4.6
07:00P - 07:59P	1,202	4.2
08:00P - 08:59P	1,087	3.8
09:00P - 09:59P	1,095	3.8
10:00P - 10:59P	1,008	3.5
11:00P - MIDNIGHT	906	3.1
<b>TOTAL</b>	28,993	100.0

Unknown Data Not Included

**TABLE 3.1.12**

# DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2008 MISSOURI CRASHES

## TYPE OF SPEEDING VIOLATION

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
EXCEEDING SPEED LIMIT	137	36.4	1,380	14.9	1,874	9.2	3,391	11.3
TOO FAST FOR CONDITIONS	214	56.9	7,604	82.0	17,940	88.5	25,758	86.1
EXCEEDING SPEED LIMIT AND TOO FAST FOR CONDITIONS	25	6.7	289	3.1	464	2.3	778	2.6
<b>TOTAL</b>	376	100.0	9,273	100.0	20,278	100.0	29,927	100.0

**TABLE 3.1.13**

# DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2008 MISSOURI CRASHES

## SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	298	80.1	5,511	61.6	11,301	63.2	17,110	62.9
FEMALE	74	19.9	3,430	38.4	6,582	36.8	10,086	37.1
UNKNOWN	4	-	332	-	2,395	-	2,731	-
<b>TOTAL</b>	376	100.0	9,273	100.0	20,278	100.0	29,927	100.0

**TABLE 3.1.14**

## DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2008 MISSOURI CRASHES

### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	34.0	-	32.4	-	32.4	-	32.4	-
14 YEARS AND UNDER	1	0.3	36	0.4	28	0.2	65	0.2
15 - 20 YEARS	81	21.9	2,401	27.0	4,634	26.2	7,116	26.4
21 - 25 YEARS	58	15.7	1,546	17.4	3,251	18.4	4,855	18.0
26 - 30 YEARS	52	14.1	1,086	12.2	2,157	12.2	3,295	12.2
31 - 35 YEARS	36	9.7	660	7.4	1,536	8.7	2,232	8.3
36 - 40 YEARS	24	6.5	724	8.1	1,278	7.2	2,026	7.5
41 - 45 YEARS	36	9.7	637	7.2	1,183	6.7	1,856	6.9
46 - 50 YEARS	18	4.9	569	6.4	1,158	6.5	1,745	6.5
51 - 55 YEARS	27	7.3	433	4.9	873	4.9	1,333	4.9
56 - 60 YEARS	15	4.1	292	3.3	647	3.7	954	3.5
61 - 65 YEARS	9	2.4	208	2.3	404	2.3	621	2.3
66 YEARS AND OVER	13	3.5	301	3.4	564	3.2	878	3.3
UNKNOWN	6	-	380	-	2,565	-	2,951	-
<b>TOTAL</b>	376	100.0	9,273	100.0	20,278	100.0	29,927	100.0

**TABLE 3.1.15**

# DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2008 MISSOURI CRASHES

## DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>MISSOURI</b>								
LEARNER'S PERMIT	3	0.8	75	0.9	102	0.6	180	0.7
OPERATOR'S LICENSE	243	66.8	6,756	77.7	13,665	79.3	20,664	78.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	19	5.2	410	4.7	761	4.4	1,190	4.5
SUBTOTAL	265	72.8	7,241	83.2	14,528	84.3	22,034	83.8
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	4	0.1	0	0.0	4	0.0
OPERATOR'S LICENSE	24	6.6	682	7.8	1,738	10.1	2,444	9.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	10	2.8	95	1.1	262	1.5	367	1.4
SUBTOTAL	34	9.3	781	9.0	2,000	11.6	2,815	10.7
UNLICENSED	65	17.9	676	7.8	704	4.1	1,445	5.5
UNKNOWN	12	-	575	-	3,046	-	3,633	-
<b>TOTAL</b>	<b>376</b>	<b>100.0</b>	<b>9,273</b>	<b>100.0</b>	<b>20,278</b>	<b>100.0</b>	<b>29,927</b>	<b>100.0</b>

**TABLE 3.1.16**

## DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2008 MISSOURI CRASHES

### TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	152	40.4	4,784	51.7	11,452	57.4	16,388	55.4
SPORT UTILITY VEHICLE	59	15.7	1,537	16.6	3,095	15.5	4,691	15.9
LIMOUSINE	0	0.0	2	0.0	1	0.0	3	0.0
VAN	18	4.8	409	4.4	924	4.6	1,351	4.6
BUS	1	0.3	10	0.1	36	0.2	47	0.2
SCHOOL BUS	0	0.0	8	0.1	14	0.1	22	0.1
MOTORCYCLE	48	12.8	506	5.5	66	0.3	620	2.1
ALL TERRAIN VEHICLE	7	1.9	99	1.1	8	0.0	114	0.4
MOPED	0	0.0	11	0.1	0	0.0	11	0.0
MOTOR HOME / CAMPER	0	0.0	2	0.0	1	0.0	3	0.0
FARM EQUIPMENT	1	0.3	1	0.0	1	0.0	3	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	1	0.0	1	0.0
OTHER TRANSPORT DEVICE	3	0.8	6	0.1	6	0.0	15	0.1
PICKUP TRUCK	76	20.2	1,664	18.0	3,860	19.3	5,600	18.9
OTHER TRUCKS	11	2.9	219	2.4	494	2.5	724	2.5
UNKNOWN	0	-	15	-	319	-	334	-
<b>TOTAL</b>	<b>376</b>	<b>100.0</b>	<b>9,273</b>	<b>100.0</b>	<b>20,278</b>	<b>100.0</b>	<b>29,927</b>	<b>100.0</b>

**TABLE 3.1.17**

## DRIVERS OF MOTORIZED VEHICLES SPEEDING IN 2008 MISSOURI CRASHES

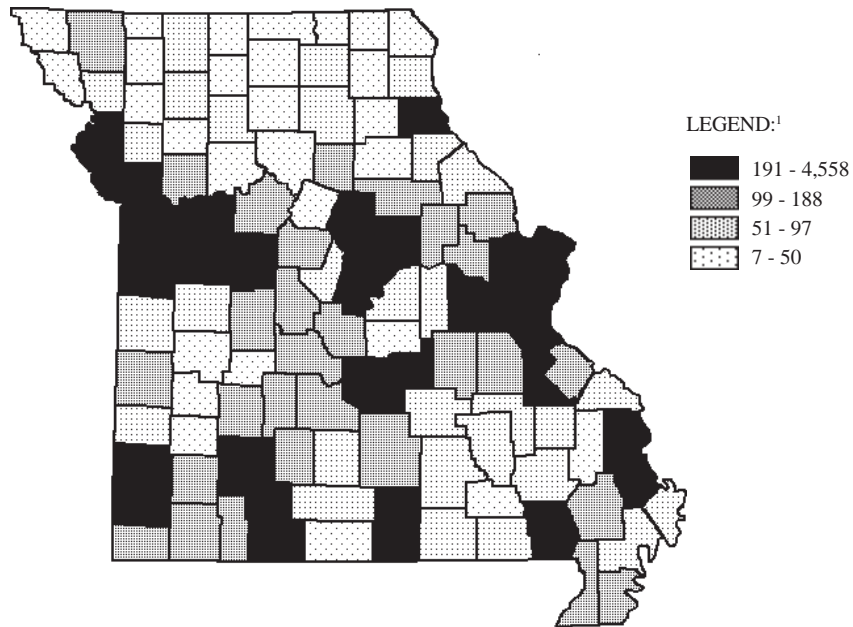
### DRIVER INTOXICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRINKING	121	32.2	984	10.6	973	4.8	2,078	6.9
USING DRUGS	6	1.6	62	0.7	50	0.3	118	0.4
DRINKING AND USING DRUGS	12	3.2	68	0.7	55	0.3	135	0.5
NOT DRINKING OR USING DRUGS / USE UNKNOWN	237	63.0	8,159	88.0	19,200	94.7	27,596	92.2
<b>TOTAL</b>	<b>376</b>	<b>100.0</b>	<b>9,273</b>	<b>100.0</b>	<b>20,278</b>	<b>100.0</b>	<b>29,927</b>	<b>100.0</b>

**TABLE 3.1.18**

## 2008 SPEED-INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	4,558	15.6	22.0	COLE	244	0.8
2.0	JACKSON	3,730	12.7	23.5	CALLAWAY	237	0.8
3.0	ST. LOUIS CITY	2,332	8.0	23.5	PETTIS	237	0.8
4.0	ST. CHARLES	1,427	4.9	25.0	CHRISTIAN	229	0.8
5.0	JEFFERSON	1,038	3.5	26.0	HOWELL	210	0.7
6.0	CLAY	998	3.4	27.0	MARION	204	0.7
7.0	GREENE	944	3.2	28.0	BUTLER	192	0.7
8.0	FRANKLIN	721	2.5	29.0	SCOTT	191	0.7
9.0	PLATTE	575	2.0				First Quartile
10.0	BOONE	514	1.8				Second Quartile
11.0	JASPER	483	1.7	30.0	CAMDEN	188	0.6
12.0	BUCHANAN	426	1.5	31.0	BARRY	181	0.6
13.0	PHELPS	386	1.3	32.0	WEBSTER	180	0.6
14.0	CASS	370	1.3	33.0	CRAWFORD	174	0.6
15.0	CAPE GIRARDEAU	350	1.2	34.0	LACLEDE	173	0.6
16.0	TANEY	294	1.0	35.0	STONE	168	0.6
17.0	NEWTON	285	1.0	36.0	LINCOLN	167	0.6
18.0	LAFAYETTE	284	1.0	37.0	SALINE	163	0.6
19.0	PULASKI	277	0.9	38.0	WARREN	161	0.6
20.0	ST. FRANCOIS	270	0.9	39.5	MCDONALD	154	0.5
21.0	JOHNSON	268	0.9				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
39.5	RANDOLPH	154	0.5	78.0	HARRISON	65	0.2
41.0	MILLER	150	0.5	79.0	DAVIESS	59	0.2
42.0	TEXAS	149	0.5	80.5	BATES	58	0.2
43.0	LAWRENCE	146	0.5	80.5	OREGON	58	0.2
44.0	WASHINGTON	136	0.5	82.5	DOUGLAS	55	0.2
45.0	POLK	134	0.5	82.5	WAYNE	55	0.2
46.0	STODDARD	127	0.4	84.0	MISSISSIPPI	54	0.2
47.0	COOPER	125	0.4	85.0	SHANNON	53	0.2
48.5	MONTGOMERY	119	0.4	86.0	MADISON	52	0.2
48.5	NODAWAY	119	0.4	87.0	BARTON	51	0.2
50.0	DUNKLIN	117	0.4	Third Quartile			
51.0	MORGAN	116	0.4	Fourth Quartile			
52.0	BENTON	115	0.4	88.5	HOWARD	50	0.2
53.0	RAY	114	0.4	88.5	LINN	50	0.2
54.0	STE. GENEVIEVE	106	0.4	90.0	DE KALB	47	0.2
55.0	DALLAS	105	0.4	91.0	CARTER	46	0.2
56.0	AUDRAIN	103	0.4	92.0	BOLLINGER	45	0.2
57.0	PEMISCOT	102	0.3	93.0	OZARK	43	0.1
58.0	VERNON	99	0.3	94.5	GRUNDY	42	0.1
Second Quartile				94.5	ST. CLAIR	42	0.1
Third Quartile				96.0	ATCHISON	41	0.1
59.0	CLINTON	97	0.3	97.5	HICKORY	39	0.1
60.0	MACON	96	0.3	97.5	MARIES	39	0.1
61.0	NEW MADRID	95	0.3	99.0	CALDWELL	38	0.1
62.0	OSAGE	93	0.3	100.0	CEDAR	32	0.1
63.0	RALLS	92	0.3	102.0	CHARITON	29	0.1
64.0	LIVINGSTON	82	0.3	102.0	HOLT	29	0.1
65.5	PERRY	79	0.3	102.0	MONROE	29	0.1
65.5	WRIGHT	79	0.3	104.0	SULLIVAN	28	0.1
67.0	ANDREW	78	0.3	105.0	GENTRY	27	0.1
68.0	DENT	77	0.3	106.0	CARROLL	25	0.1
70.0	GASCONADE	76	0.3	107.0	CLARK	24	0.1
70.0	HENRY	76	0.3	108.0	PUTNAM	19	0.1
70.0	IRON	76	0.3	109.5	SCOTLAND	18	0.1
72.0	RIPLEY	75	0.3	109.5	SHELBY	18	0.1
73.0	PIKE	72	0.2	111.0	SCHUYLER	16	0.1
74.0	MONITEAU	71	0.2	112.5	DADE	13	0.0
75.0	ADAIR	69	0.2	112.5	MERCER	13	0.0
76.0	REYNOLDS	68	0.2	114.0	WORTH	11	0.0
77.0	LEWIS	67	0.2	115.0	KNOX	7	0.0

**TABLE 3.1.19**

## 2008 SPEED-INVOLVED CRASHES

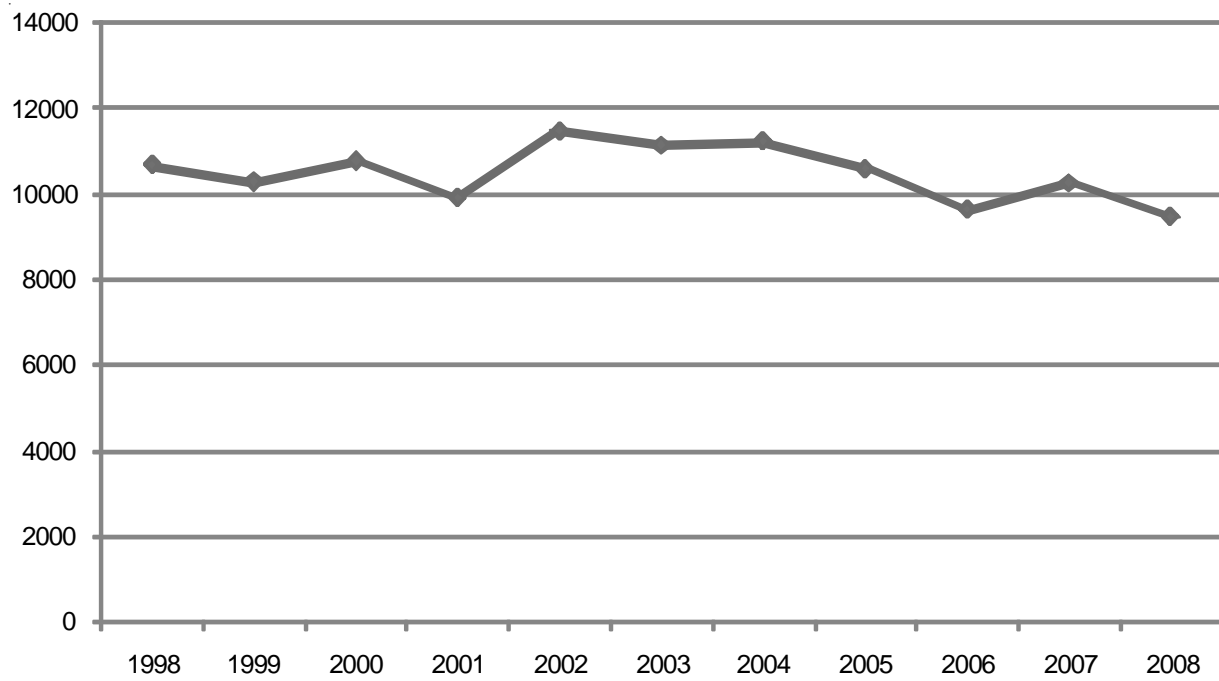
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	3,046	18.6
2.0	ST. LOUIS	2,332	14.2
3.0	SPRINGFIELD	550	3.4
4.0	INDEPENDENCE	512	3.1
5.0	LEE'S SUMMIT	364	2.2
6.0	ST. JOSEPH	347	2.1
7.0	COLUMBIA	298	1.8
8.0	ST. CHARLES	265	1.6
9.0	ST. PETERS	262	1.6
10.0	FLORISSANT	223	1.4
11.0	JOPLIN	213	1.3
12.0	MARYLAND HEIGHTS	211	1.3
13.0	BRIDGETON	186	1.1
14.0	O'FALLON	184	1.1
15.0	HAZELWOOD	180	1.1
16.0	CAPE GIRARDEAU	170	1.0
17.0	BLUE SPRINGS	167	1.0
18.0	CREVE COEUR	156	1.0
19.0	BERKELEY	151	0.9
20.0	SUNSET HILLS	149	0.9
21.0	CHESTERFIELD	143	0.9
22.0	KIRKWOOD	129	0.8
23.0	OVERLAND	126	0.8
24.5	LIBERTY	124	0.8
24.5	ROLLA	124	0.8
26.0	WILDWOOD	120	0.7
27.0	JEFFERSON CITY	117	0.7
28.0	WENTZVILLE	116	0.7
29.0	TOWN AND COUNTRY	111	0.7
30.0	HANNIBAL	102	0.6
31.0	SEDALIA	101	0.6
32.0	UNIVERSITY CITY	94	0.6
33.0	RICHMOND HEIGHTS	91	0.6
34.0	BELLEFONTAINE NEIGHBORS	90	0.5
35.0	LADUE	87	0.5
36.5	POPLAR BLUFF	82	0.5
36.5	WEBSTER GROVES	82	0.5
38.0	MANCHESTER	80	0.5
39.0	FESTUS	78	0.5
40.5	BALLWIN	77	0.5
40.5	RAYTOWN	77	0.5
42.5	CLAYTON	76	0.5
42.5	WARRENSBURG	76	0.5
44.0	BELTON	75	0.5
45.0	BRANSON	74	0.5

<sup>1</sup>Percentage is based on speed-involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.1.20**

**MISSOURI FATAL AND PERSONAL INJURY SPEED-INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.1.1**

## 3.2 DRINKING INVOLVEMENT

***This section presents a series of data displays which identify drinking involvement in Missouri's traffic crash experience. Drinking-involved traffic crashes are defined as any crash in which one or more drivers or pedestrians were drinking and, in the opinion of the investigating officer, their intoxicated condition contributed to the cause of the crash. Data displays also are presented which identify characteristics of the drinking driver or pedestrian in these traffic crashes.***

***There are strong indications that investigating officers under-report drinking involvement as a contributing factor in traffic crashes. Under-reporting exists for a number of reasons. First, symptoms of drinking may be masked from the investigating officer. The person's physical instability may be attributed to the shock of being in a crash or resulting physical injuries rather than to intoxication. Second, the investigating officer may not have an opportunity to observe or interview the person for an extended time period in cases where they require immediate medical attention and are transported from the scene. Finally, in cases where the investigating officer does determine a person has been drinking, there may not be enough evidence to indicate that their intoxicated condition contributed to the cause of the traffic crash. As a result, the apparent problem of under-reporting should be taken into consideration when evaluating data presented in this section.***

### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 4.9% were drinking related. Of all fatal traffic crashes, 28.6% were drinking related. A total of 262 persons were killed and 4,511 were injured in drinking-related traffic crashes.
- There was a decrease of 5.3% in the rate of change when comparing total 2008 drinking-related traffic crashes with those in 2007. There was an increase of 4.9% when comparing 2008 fatal drinking-related traffic crashes with 2007.
- In 2008, one person was killed or injured in drinking-related traffic crashes every 1.8 hours in the State of Missouri.
- Of all drinking-related traffic crashes, 59.7% occurred on Friday, Saturday, or Sunday and 63.9% occurred between 7:00 P.M. and 2:59 A.M.
- Of the persons drinking in 2008 traffic crashes, 98.5% were driving a motorized vehicle, 0.1% were driving a non-motorized vehicle, and 1.4% were pedestrians.
- Of the drinking drivers of motorized vehicles, 77.2% were male and 22.8% were female. The average age of drinking drivers of motorized vehicles was 33.8 years.
- Of the drinking drivers of non-motorized vehicles, 100.0% were male. The average age of drinking drivers of non-motorized vehicles was 50.0 years.
- Of the drinking pedestrians, 78.9% were male and 21.2% were female. The average age of drinking pedestrians was 37.0 years.
- Of the drinking drivers of motorized and non-motorized vehicles in 2008 crashes, 51.9% were driving an automobile, 25.2% were driving a pickup truck, and 15.0% were driving a sport utility vehicle at the time of the crash.

## 2008 MISSOURI TRAFFIC CRASHES

### DRINKING INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER <sup>1</sup> KILLED INJURED	DRINKING DRIVERS / PEDESTRIANS <sup>2</sup> KILLED INJURED
DRINKING INVOLVED	236	28.6	3,118	8.4	4,019	3.5	7,373	4.9	262 4,511	177 2,626
NO DRINKING INVOLVED	588	71.4	34,193	91.6	109,352	96.5	144,133	95.1	672 49,684	- -
UNKNOWN <sup>3</sup>	21	-	729	-	3,603	-	4,353	-	26 954	- -
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,974</b>	<b>100.0</b>	<b>155,859</b>	<b>100.0</b>	<b>960 55,149</b>	<b>177 2,626</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more drivers or pedestrians were drinking.

<sup>2</sup>This statistic indicates the number of drinking drivers or pedestrians killed and injured.

<sup>3</sup>Crashes were classified as unknown if there was no indication that drinking was involved and the contributing circumstances of one or more drivers or pedestrians were not known.

**TABLE 3.2.1**

### 2007 and 2008 DRINKING-INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	225	236	+ 4.9
PERSONAL INJURY	3,333	3,118	- 6.5
PROPERTY DAMAGE	4,226	4,019	- 4.9
TOTAL	7,784	7,373	- 5.3

**TABLE 3.2.2**

### 2008 DRINKING-INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	8	0.3	5	0.1	13	0.2
BICYCLIST	0	0.0	6	0.2	2	0.1	8	0.1
FIXED OBJECT	133	56.4	1,751	56.2	2,211	55.0	4,095	55.5
OTHER OBJECT	0	0.0	20	0.6	45	1.1	65	0.9
PEDESTRIAN	13	5.5	110	3.5	7	0.2	130	1.8
TRAIN	1	0.4	0	0.0	0	0.0	1	0.0
VEHICLE IN TRANSPORT	52	22.0	811	26.0	1,059	26.4	1,922	26.1
VEHICLE ON OTHER ROADWAY	0	0.0	1	0.0	3	0.1	4	0.1
PARKED VEHICLE	0	0.0	129	4.1	542	13.5	671	9.1
NONCOLLISION OVERTURN	35	14.8	264	8.5	113	2.8	412	5.6
NONCOLLISION OTHER	2	0.9	18	0.6	32	0.8	52	0.7
<b>TOTAL</b>	236	100.0	3,118	100.0	4,019	100.0	7,373	100.0

**TABLE 3.2.3**

## 2008 DRINKING-INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	53	22.5	1,274	40.9	2,162	53.8	3,489	47.3
RURAL	183	77.5	1,844	59.1	1,857	46.2	3,884	52.7
<b>TOTAL</b>	236	100.0	3,118	100.0	4,019	100.0	7,373	100.0

**TABLE 3.2.4**

## 2008 DRINKING-INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	120	50.9	2,086	67.3	3,061	77.1	5,267	72.1
CURVE	116	49.2	1,012	32.7	909	22.9	2,037	27.9
UNKNOWN	0	-	20	-	49	-	69	-
<b>TOTAL</b>	236	100.0	3,118	100.0	4,019	100.0	7,373	100.0

**TABLE 3.2.5**

## 2008 DRINKING-INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	77	32.6	1,795	58.2	2,573	65.1	4,445	61.1
HILL	149	63.1	1,225	39.7	1,298	32.8	2,672	36.7
CREST	10	4.2	63	2.0	82	2.1	155	2.1
UNKNOWN	0	-	35	-	66	-	101	-
<b>TOTAL</b>	236	100.0	3,118	100.0	4,019	100.0	7,373	100.0

**TABLE 3.2.6**

## 2008 DRINKING-INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	203	87.5	2,653	85.5	3,220	80.8	6,076	83.0
WET	25	10.8	399	12.9	648	16.3	1,072	14.6
SNOW	3	1.3	32	1.0	57	1.4	92	1.3
ICE	1	0.4	13	0.4	45	1.1	59	0.8
SLUSH	0	0.0	4	0.1	8	0.2	12	0.2
MUD	0	0.0	3	0.1	6	0.2	9	0.1
STANDING WATER	0	0.0	0	0.0	1	0.0	1	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	4	-	14	-	34	-	52	-
<b>TOTAL</b>	236	100.0	3,118	100.0	4,019	100.0	7,373	100.0

**TABLE 3.2.7**

## 2008 DRINKING-INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	20	8.5	279	9.0	348	8.7	647	8.8
U.S. HIGHWAY	33	14.0	279	9.0	297	7.4	609	8.3
STATE NUMBERED	48	20.3	520	16.7	545	13.6	1,113	15.1
SINGLE STATE LETTERED	41	17.4	373	12.0	269	6.7	683	9.3
DOUBLE STATE LETTERED	14	5.9	166	5.3	112	2.8	292	4.0
OUTER ROAD	0	0.0	26	0.8	33	0.8	59	0.8
COUNTY ROAD	41	17.4	547	17.5	572	14.2	1,160	15.7
CITY STREET	36	15.3	865	27.7	1,701	42.3	2,602	35.3
INTERSTATE LOOP	0	0.0	9	0.3	14	0.4	23	0.3
OTHER <sup>1</sup>	3	1.3	54	1.7	128	3.2	185	2.5
<b>TOTAL</b>	236	100.0	3,118	100.0	4,019	100.0	7,373	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.2.8**

## 2007 DRINKING-INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	9	17.0	161	12.6	173	8.0	343	9.8	11	6.0	118	6.4	175	9.4	304	7.8
U.S. HIGHWAY	6	11.3	101	7.9	127	5.9	234	6.7	27	14.8	178	9.7	170	9.2	375	9.7
STATE NUMBERED	3	5.7	127	10.0	185	8.6	315	9.0	45	24.6	393	21.3	360	19.4	798	20.6
SINGLE STATE LETTERED	3	5.7	26	2.0	28	1.3	57	1.6	38	20.8	347	18.8	241	13.0	626	16.1
DOUBLE STATE LETTERED	0	0.0	17	1.3	16	0.7	33	1.0	14	7.7	149	8.1	96	5.2	259	6.7
OUTER ROAD	0	0.0	14	1.1	18	0.8	32	0.9	0	0.0	12	0.7	15	0.8	27	0.7
COUNTY ROAD	2	3.8	22	1.7	40	1.9	64	1.8	39	21.3	525	28.5	532	28.7	1,096	28.2
CITY STREET	30	56.6	770	60.4	1,485	68.7	2,285	65.5	6	3.3	95	5.2	216	11.6	317	8.2
INTERSTATE LOOP	0	0.0	6	0.5	11	0.5	17	0.5	0	0.0	3	0.2	3	0.2	6	0.2
OTHER <sup>1</sup>	0	0.0	30	2.4	79	3.7	109	3.1	3	1.6	24	1.3	49	2.6	76	2.0
TOTAL	53	100.0	1,274	100.0	2,162	100.0	3,489	100.0	183	100.0	1,844	100.0	1,857	100.0	3,884	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.2.9**

**2008 MISSOURI DRINKING-INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	585	7.9
FEBRUARY	584	7.9
MARCH	585	7.9
APRIL	537	7.3
MAY	651	8.8
JUNE	637	8.6
JULY	673	9.1
AUGUST	641	8.7
SEPTEMBER	602	8.2
OCTOBER	644	8.7
NOVEMBER	634	8.6
DECEMBER	600	8.1
<b>TOTAL</b>	7,373	100.0

**TABLE 3.2.10****2008 MISSOURI DRINKING-INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	1,392	18.9
MONDAY	647	8.8
TUESDAY	761	10.3
WEDNESDAY	746	10.1
THURSDAY	814	11.1
FRIDAY	1,227	16.7
SATURDAY	1,777	24.1
<b>TOTAL</b>	7,364	100.0

Unknown Data Not Included

**TABLE 3.2.11**

## 2008 MISSOURI DRINKING-INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	677	9.3
01:00A - 01:59A	805	11.1
02:00A - 02:59A	513	7.1
03:00A - 03:59A	380	5.2
04:00A - 04:59A	193	2.7
05:00A - 05:59A	131	1.8
06:00A - 06:59A	101	1.4
07:00A - 07:59A	64	0.9
08:00A - 08:59A	52	0.7
09:00A - 09:59A	43	0.6
10:00A - 10:59A	51	0.7
11:00A - 11:59A	59	0.8
NOON - 12:59P	96	1.3
01:00P - 01:59P	103	1.4
02:00P - 02:59P	139	1.9
03:00P - 03:59P	211	2.9
04:00P - 04:59P	256	3.5
05:00P - 05:59P	342	4.7
06:00P - 06:59P	404	5.6
07:00P - 07:59P	438	6.0
08:00P - 08:59P	446	6.1
09:00P - 09:59P	554	7.6
10:00P - 10:59P	584	8.0
11:00P - MIDNIGHT	632	8.7
<b>TOTAL</b>	7,274	100.0

Unknown Data Not Included

**TABLE 3.2.12**

**PERSONS DRINKING IN 2008 MISSOURI CRASHES**

**PERSON TYPE AND SEX BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>MALE</b>								
DRIVERS MOTORIZED VEHICLES	191	79.9	2,374	75.5	2,847	71.2	5,412	73.3
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	3	0.1	2	0.1	5	0.1
PEDESTRIANS	5	2.1	76	2.4	1	0.0	82	1.1
<b>FEMALE</b>								
DRIVERS MOTORIZED VEHICLES	40	16.7	633	20.1	922	23.0	1,595	21.6
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	0	0.0	0	0.0
PEDESTRIANS	0	0.0	19	0.6	3	0.1	22	0.3
<b>SEX UNKNOWN</b>								
DRIVERS MOTORIZED VEHICLES	3	1.3	39	1.2	226	5.7	268	3.6
DRIVERS NON-MOTORIZED VEHICLES	0	0.0	0	0.0	0	0.0	0	0.0
PEDESTRIANS	0	0.0	1	0.0	0	0.0	1	0.0
<b>TOTAL</b>	239	100.0	3,145	100.0	4,001	100.0	7,385	100.0

**TABLE 3.2.13**

## DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2008 MISSOURI CRASHES

### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	35.3	-	33.5	-	34.0	-	33.8	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	29	12.6	428	14.3	494	13.2	951	13.6
21 - 25 YEARS	46	19.9	640	21.4	798	21.3	1,484	21.3
26 - 30 YEARS	33	14.3	478	16.0	564	15.0	1,075	15.4
31 - 35 YEARS	23	10.0	229	7.7	373	10.0	625	9.0
36 - 40 YEARS	17	7.4	311	10.4	336	9.0	664	9.5
41 - 45 YEARS	32	13.9	317	10.6	384	10.2	733	10.5
46 - 50 YEARS	20	8.7	266	8.9	358	9.6	644	9.2
51 - 55 YEARS	13	5.6	155	5.2	215	5.7	383	5.5
56 - 60 YEARS	7	3.0	81	2.7	114	3.0	202	2.9
61 - 65 YEARS	4	1.7	46	1.5	72	1.9	122	1.8
66 YEARS AND OVER	7	3.0	44	1.5	42	1.1	93	1.3
UNKNOWN	3	-	51	-	245	-	299	-
<b>TOTAL</b>	234	100.0	3,046	100.0	3,995	100.0	7,275	100.0

**TABLE 3.2.14**

# DRIVERS OF NON-MOTORIZED VEHICLES DRINKING IN 2008 MISSOURI CRASHES

## AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	0.0	-	44.0	-	59.0	-	50.0	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
21 - 25 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
26 - 30 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
31 - 35 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
36 - 40 YEARS	0	0.0	1	33.3	0	0.0	1	20.0
41 - 45 YEARS	0	0.0	1	33.3	0	0.0	1	20.0
46 - 50 YEARS	0	0.0	1	33.3	0	0.0	1	20.0
51 - 55 YEARS	0	0.0	0	0.0	0	0.0	0	0.0
56 - 60 YEARS	0	0.0	0	0.0	1	50.0	1	20.0
61 - 65 YEARS	0	0.0	0	0.0	1	50.0	1	20.0
66 YEARS AND OVER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	0	-	0	-	0	-
<b>TOTAL</b>	0	0.0	3	100.0	2	0.0	5	100.0

**TABLE 3.2.15**

**PEDESTRIANS DRINKING IN 2008 MISSOURI CRASHES**

**AGE OF PEDESTRIAN BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>AVERAGE AGE OF PEDESTRIAN</b>	33.0	-	37.1	-	40.0	-	37.0	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	11	11.7	0	0.0	11	10.8
21 - 25 YEARS	0	0.0	13	13.8	0	0.0	13	12.8
26 - 30 YEARS	3	60.0	10	10.6	0	0.0	13	12.8
31 - 35 YEARS	0	0.0	11	11.7	1	33.3	12	11.8
36 - 40 YEARS	1	20.0	10	10.6	1	33.3	12	11.8
41 - 45 YEARS	1	20.0	14	14.9	0	0.0	15	14.7
46 - 50 YEARS	0	0.0	12	12.8	1	33.3	13	12.8
51 - 55 YEARS	0	0.0	6	6.4	0	0.0	6	5.9
56 - 60 YEARS	0	0.0	3	3.2	0	0.0	3	2.9
61 - 65 YEARS	0	0.0	1	1.1	0	0.0	1	1.0
66 YEARS AND OVER	0	0.0	3	3.2	0	0.0	3	2.9
UNKNOWN	0	-	2	-	1	-	3	-
<b>TOTAL</b>	5	100.0	96	100.0	4	100.0	105	100.0

**TABLE 3.2.16**

# DRIVERS OF MOTORIZED AND NON-MOTORIZED VEHICLES DRINKING IN 2008 MISSOURI CRASHES

## TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	95	40.8	1,503	49.3	2,183	54.6	3,781	51.9
SPORT UTILITY VEHICLE	32	13.7	458	15.0	605	15.1	1,095	15.0
LIMOUSINE	0	0.0	0	0.0	2	0.1	2	0.0
VAN	7	3.0	112	3.7	196	4.9	315	4.3
BUS	0	0.0	2	0.1	2	0.1	4	0.1
SCHOOL BUS	0	0.0	1	0.0	0	0.0	1	0.0
MOTORCYCLE	18	7.7	118	3.9	12	0.3	148	2.0
ALL TERRAIN VEHICLE	3	1.3	56	1.8	5	0.1	64	0.9
MOPED	0	0.0	4	0.1	0	0.0	4	0.1
BICYCLE	0	0.0	3	0.1	2	0.1	5	0.1
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	2	0.1	1	0.0	3	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	2	0.9	0	0.0	0	0.0	2	0.0
PICKUP TRUCK	75	32.2	780	25.6	980	24.5	1,835	25.2
OTHER TRUCKS	1	0.4	10	0.3	9	0.2	20	0.3
UNKNOWN	0	-	2	-	30	-	32	-
<b>TOTAL</b>	233	100.0	3,051	100.0	4,027	100.0	7,311	100.0

**TABLE 3.2.17**

# DRIVERS OF MOTORIZED VEHICLES DRINKING IN 2008 MISSOURI CRASHES

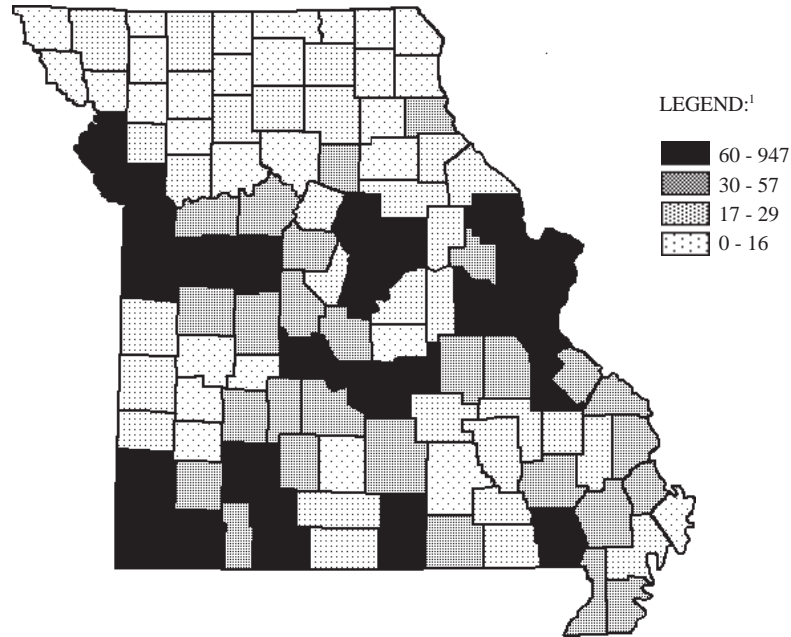
## DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>MISSOURI</b>								
LEARNER'S PERMIT	1	0.4	8	0.3	15	0.4	24	0.4
OPERATOR'S LICENSE	146	63.5	2,061	70.2	2,682	73.7	4,889	71.8
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	9	3.9	122	4.2	148	4.1	279	4.1
SUBTOTAL	156	67.8	2,191	74.6	2,845	78.2	5,192	76.3
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	1	0.0	1	0.0	2	0.0
OPERATOR'S LICENSE	20	8.7	170	5.8	262	7.2	452	6.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	0.4	13	0.4	12	0.3	26	0.4
SUBTOTAL	21	9.1	184	6.3	275	7.6	480	7.1
UNLICENSED	53	23.0	563	19.2	519	14.3	1,135	16.7
UNKNOWN	4	-	102	-	374	-	480	-
<b>TOTAL</b>	<b>234</b>	<b>100.0</b>	<b>3,040</b>	<b>100.0</b>	<b>4,013</b>	<b>100.0</b>	<b>7,287</b>	<b>100.0</b>

**TABLE 3.2.18**

## 2008 DRINKING-INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	947	12.8	22.5	MCDONALD	71	1.0
2.0	JACKSON	847	11.5	24.5	PHELPS	70	0.9
3.0	ST. CHARLES	449	6.1	24.5	PULASKI	70	0.9
4.0	JEFFERSON	322	4.4	26.0	CALLAWAY	63	0.9
5.0	GREENE	266	3.6	27.0	CHRISTIAN	61	0.8
6.0	CLAY	244	3.3	28.5	HOWELL	60	0.8
7.0	ST. LOUIS CITY	226	3.1	28.5	LINCOLN	60	0.8
8.0	BOONE	205	2.8				First Quartile
9.0	BUCHANAN	172	2.3				Second Quartile
10.0	FRANKLIN	168	2.3	30.0	CAPE GIRARDEAU	57	0.8
11.0	JASPER	157	2.1	31.0	STONE	51	0.7
12.0	CASS	115	1.6	32.0	SCOTT	50	0.7
13.0	PLATTE	113	1.5	33.5	MARION	49	0.7
14.0	BUTLER	101	1.4	33.5	WARREN	49	0.7
15.0	TANEY	95	1.3	35.0	LACLEDE	47	0.6
16.0	NEWTON	92	1.2	36.0	MILLER	46	0.6
17.0	ST. FRANCOIS	89	1.2	38.0	LAFAYETTE	41	0.6
19.5	BARRY	74	1.0	38.0	RANDOLPH	41	0.6
19.5	CAMDEN	74	1.0	38.0	STODDARD	41	0.6
19.5	JOHNSON	74	1.0	40.5	LAWRENCE	38	0.5
19.5	PETTIS	74	1.0	40.5	TEXAS	38	0.5
22.5	COLE	71	1.0				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
43.0	PEMISCOT	35	0.5	81.0	ADAIR	18	0.2
43.0	STE. GENEVIEVE	35	0.5	81.0	HARRISON	18	0.2
43.0	WASHINGTON	35	0.5	81.0	HOWARD	18	0.2
45.5	COOPER	34	0.5	81.0	MADISON	18	0.2
45.5	HENRY	34	0.5	81.0	MONTGOMERY	18	0.2
47.5	MORGAN	33	0.4	85.0	CARTER	17	0.2
47.5	WAYNE	33	0.4	85.0	GASCONADE	17	0.2
49.5	CRAWFORD	32	0.4	85.0	LINN	17	0.2
49.5	WEBSTER	32	0.4	Third Quartile			
51.5	BENTON	31	0.4	Fourth Quartile			
51.5	POLK	31	0.4	87.5	CARROLL	16	0.2
55.0	DALLAS	30	0.4	87.5	MISSISSIPPI	16	0.2
55.0	DUNKLIN	30	0.4	89.0	MONROE	15	0.2
55.0	OREGON	30	0.4	90.5	ANDREW	13	0.2
55.0	PERRY	30	0.4	90.5	SULLIVAN	13	0.2
55.0	SALINE	30	0.4	92.5	HOLT	12	0.2
Second Quartile				92.5	MARIES	12	0.2
Third Quartile				95.0	HICKORY	11	0.1
58.5	NEW MADRID	29	0.4	95.0	ST. CLAIR	11	0.1
58.5	RIPLEY	29	0.4	95.0	WRIGHT	11	0.1
61.5	AUDRAIN	28	0.4	99.0	CALDWELL	10	0.1
61.5	RAY	28	0.4	99.0	DE KALB	10	0.1
61.5	REYNOLDS	28	0.4	99.0	GRUNDY	10	0.1
61.5	VERNON	28	0.4	99.0	SCHUYLER	10	0.1
64.0	BATES	26	0.4	99.0	SHANNON	10	0.1
66.0	CLINTON	24	0.3	102.0	ATCHISON	8	0.1
66.0	NODAWAY	24	0.3	104.0	CEDAR	6	0.1
66.0	PIKE	24	0.3	104.0	DADE	6	0.1
68.0	LIVINGSTON	23	0.3	104.0	LEWIS	6	0.1
70.5	BOLLINGER	22	0.3	107.0	CLARK	5	0.1
70.5	MONITEAU	22	0.3	107.0	DAVIESS	5	0.1
70.5	OSAGE	22	0.3	107.0	PUTNAM	5	0.1
70.5	OZARK	22	0.3	109.5	GENTRY	4	0.1
73.5	DENT	21	0.3	109.5	SCOTLAND	4	0.1
73.5	IRON	21	0.3	112.0	CHARITON	3	0.0
75.0	MACON	20	0.3	112.0	KNOX	3	0.0
77.0	BARTON	19	0.3	112.0	SHELBY	3	0.0
77.0	DOUGLAS	19	0.3	114.0	WORTH	2	0.0
77.0	RALLS	19	0.3	115.0	MERCER	0	0.0

TABLE 3.2.19

## 2008 DRINKING-INVOLVED CRASHES

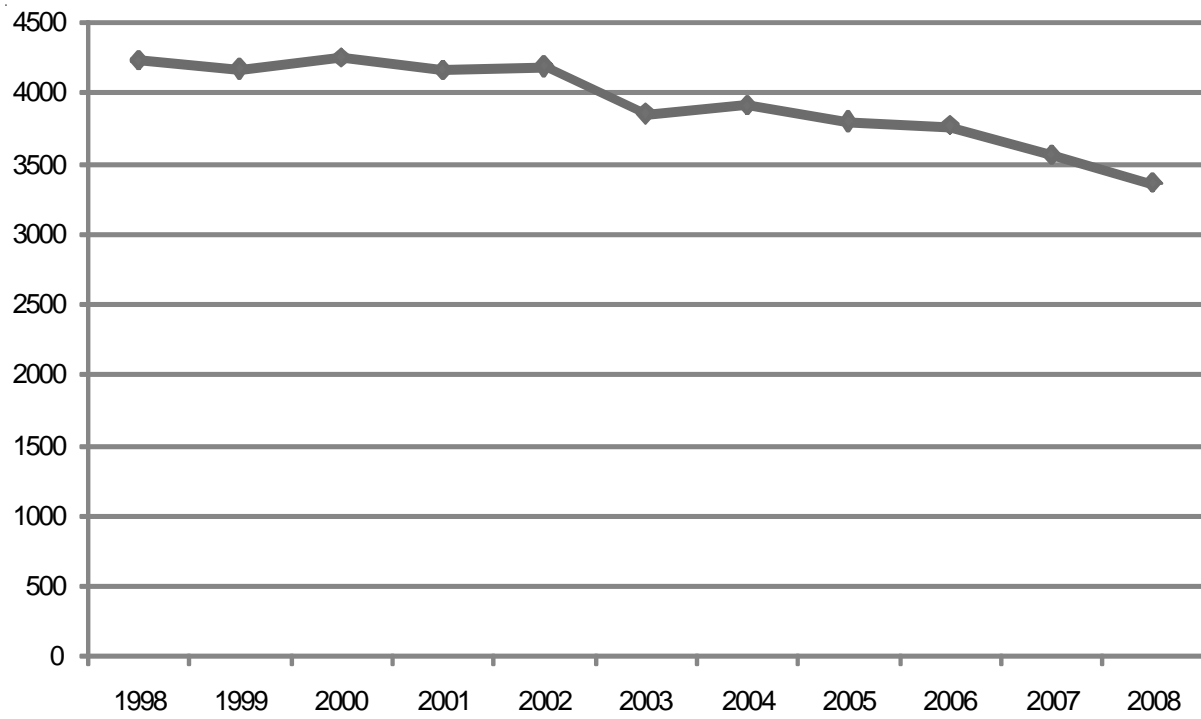
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	506	12.8
2.0	ST. LOUIS	227	5.7
3.0	SPRINGFIELD	179	4.5
4.0	INDEPENDENCE	155	3.9
5.0	ST. JOSEPH	153	3.9
6.0	COLUMBIA	135	3.4
7.0	ST. CHARLES	121	3.1
8.0	LEE'S SUMMIT	119	3.0
9.0	JOPLIN	82	2.1
10.0	ST. PETERS	74	1.9
11.0	O'FALLON	61	1.5
12.0	BLUE SPRINGS	55	1.4
13.0	FLORISSANT	54	1.4
14.0	MARYLAND HEIGHTS	51	1.3
15.0	JEFFERSON CITY	41	1.0
16.5	CREVE COEUR	40	1.0
16.5	SEDALIA	40	1.0
18.0	GRANDVIEW	39	1.0
19.0	OVERLAND	38	1.0
20.5	ARNOLD	37	0.9
20.5	KIRKWOOD	37	0.9
22.0	LIBERTY	36	0.9
23.5	RAYTOWN	35	0.9
23.5	SUNSET HILLS	35	0.9
25.0	POPLAR BLUFF	34	0.9
26.0	WARRENSBURG	33	0.8
29.0	BELTON	30	0.8
29.0	BERKELEY	30	0.8
29.0	CHESTERFIELD	30	0.8
29.0	GLADSTONE	30	0.8
29.0	HANNIBAL	30	0.8
32.0	BRIDGETON	29	0.7
33.0	BRANSON	26	0.7
34.5	BALLWIN	24	0.6
34.5	WEBSTER GROVES	24	0.6
36.0	UNIVERSITY CITY	23	0.6
37.0	MOBERLY	22	0.6
38.5	TOWN AND COUNTRY	21	0.5
38.5	WILDWOOD	21	0.5
41.5	FARMINGTON	20	0.5
41.5	NORTH KANSAS CITY	20	0.5
41.5	WASHINGTON	20	0.5
41.5	WENTZVILLE	20	0.5
44.5	ROLLA	19	0.5
44.5	ST. ANN	19	0.5
47.5	CLAYTON	18	0.5
47.5	LAKE ST. LOUIS	18	0.5
47.5	MANCHESTER	18	0.5
47.5	ST. ROBERTS	18	0.5

<sup>1</sup>Percentage is based on drinking-involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.2.20**

**MISSOURI FATAL AND PERSONAL INJURY DRINKING-INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.2.1**

### 3.3 YOUNG DRIVER INVOLVEMENT

***This section presents a series of data displays which describe young driver involvement in Missouri's traffic crash experience. Young driver traffic crashes are defined as any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were under the age of 21. Data displays also are provided which identify characteristics of these young drivers.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 26.8% involved a young driver. Of all fatal traffic crashes, 19.0% involved a young driver. A total of 198 persons were killed and 15,501 were injured in traffic crashes involving young drivers.
- There was a decrease of 8.8% in the rate of change when comparing 2008 young driver traffic crashes with those in 2007. There was a decrease of 5.4% when comparing 2008 fatal young driver traffic crashes with 2007.
- In 2008, one person was killed or injured in young driver related traffic crashes every 33.5 minutes in the State of Missouri.
- Of all young driver related traffic crashes, the first harmful event in 73.0% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In 18.8% of the cases, the first harmful event involved one motor vehicle striking a fixed object. In young driver fatal traffic crashes, 41.8% of the cases involved a motor vehicle striking a fixed object.
- Of all 2008 young driver crashes, 64.1% occurred in an urban area and 35.9% occurred in a rural area of the State. However, 72.8% of the fatal young driver crashes occurred in a rural area.
- Of all young driver traffic crashes, 30.8% occurred on Friday or Saturday.
- Of all young drivers in traffic crashes, 54.0% were male and 46.0% were female. Of those young drivers in fatal traffic crashes, 76.4% were male. The average age of young drivers (20 years and under) was 18.0 years.
- Of the young drivers, 91.9% had a Missouri driver's license / permit, 5.2% had an out-of-state driver's license, and 3.0% were unlicensed at the time of the crash.
- Of the young drivers, 69.7% were driving an automobile and 13.8% were driving a pickup truck at the time of the crash.
- In 51.9% of the 2008 young driver related fatal traffic crashes, a young driver was either exceeding the speed limit or driving too fast for conditions which contributed to the cause of the crash. In 18.4% of these fatal crashes, the young driver's drinking condition contributed to the cause of the crash.

## 2008 MISSOURI TRAFFIC CRASHES

### YOUNG DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER <sup>1</sup> INJURED	YOUNG DRIVERS <sup>2</sup> KILLED	INJURED
YOUNG DRIVER INVOLVED	158	19.0	9,965	27.4	26,853	26.7	36,976	26.8	198	15,501	89	6,297
NO YOUNG DRIVER INVOLVED	674	81.0	26,443	72.6	73,751	73.3	100,868	73.2	749	37,556	-	-
UNKNOWN <sup>3</sup>	13	-	1,632	-	16,370	-	18,015	-	13	2,092	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,974</b>	<b>100.0</b>	<b>155,859</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>89</b>	<b>6,297</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more young drivers were involved.

<sup>2</sup>This statistic indicates the number of young drivers killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the known drivers involved in the accident was 20 years of age and younger and the ages of one or more drivers involved in the crash was not known.

**TABLE 3.3.1**

### 2007 and 2008 YOUNG DRIVER INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	167	158	-5.4
PERSONAL INJURY	11,004	9,965	-9.4
PROPERTY DAMAGE	29,381	26,853	-8.6
TOTAL	40,552	36,976	-8.8

**TABLE 3.3.2**

### 2008 YOUNG DRIVER INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	1	0.6	42	0.4	357	1.3	400	1.1
BICYCLIST	0	0.0	52	0.5	9	0.0	61	0.2
FIXED OBJECT	66	41.8	2,445	24.5	4,456	16.6	6,967	18.8
OTHER OBJECT	0	0.0	28	0.3	124	0.5	152	0.4
PEDESTRIAN	6	3.8	149	1.5	6	0.0	161	0.4
TRAIN	0	0.0	3	0.0	2	0.0	5	0.0
VEHICLE IN TRANSPORT	69	43.7	6,579	66.0	20,343	75.8	26,991	73.0
VEHICLE ON OTHER ROADWAY	1	0.6	13	0.1	38	0.1	52	0.1
PARKED VEHICLE	0	0.0	153	1.5	1,145	4.3	1,298	3.5
NONCOLLISION OVERTURN	13	8.2	454	4.6	266	1.0	733	2.0
NONCOLLISION OTHER	2	1.3	47	0.5	107	0.4	156	0.4
<b>TOTAL</b>	158	100.0	9,965	100.0	26,853	100.0	36,976	100.0

**TABLE 3.3.3**

## 2008 YOUNG DRIVER INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	43	27.2	5,791	58.1	17,868	66.5	23,702	64.1
RURAL	115	72.8	4,174	41.9	8,985	33.5	13,274	35.9
<b>TOTAL</b>	158	100.0	9,965	100.0	26,853	100.0	36,976	100.0

**TABLE 3.3.4**

## 2008 YOUNG DRIVER INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	104	65.8	8,079	81.5	22,395	85.4	30,578	84.2
CURVE	54	34.2	1,829	18.5	3,385	14.6	5,718	15.8
UNKNOWN	0	-	57	-	623	-	680	-
<b>TOTAL</b>	158	100.0	9,965	100.0	26,853	100.0	36,976	100.0

**TABLE 3.3.5**

## 2008 YOUNG DRIVER INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	61	38.6	6,365	64.7	18,132	69.7	24,558	68.2
HILL	89	56.3	3,170	32.2	7,213	27.7	10,472	29.1
CREST	8	5.1	300	3.1	682	2.6	990	2.8
UNKNOWN	0	-	130	-	826	-	956	-
<b>TOTAL</b>	158	100.0	9,965	100.0	26,853	100.0	36,976	100.0

**TABLE 3.3.6**

## 2008 YOUNG DRIVER INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	120	76.9	7,672	77.4	19,590	73.6	27,382	74.6
WET	30	19.2	1,848	18.7	5,461	20.5	7,339	20.0
SNOW	3	1.9	180	1.8	805	3.0	988	2.7
ICE	3	1.9	176	1.8	688	2.6	867	2.4
SLUSH	0	0.0	21	0.2	64	0.2	85	0.2
MUD	0	0.0	9	0.1	11	0.0	20	0.1
STANDING WATER	0	0.0	2	0.0	7	0.0	9	0.0
MOVING WATER	0	0.0	2	0.0	5	0.0	7	0.0
UNKNOWN	2	-	55	-	222	-	279	-
<b>TOTAL</b>	158	100.0	9,965	100.0	26,853	100.0	36,976	100.0

**TABLE 3.3.7**

## 2008 YOUNG DRIVER INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	10	6.3	743	7.5	2,228	8.3	2,981	8.1
U.S. HIGHWAY	25	15.8	1,030	10.3	2,370	8.8	3,425	9.3
STATE NUMBERED	41	26.0	1,761	17.7	4,368	16.3	6,170	16.7
SINGLE STATE LETTERED	20	12.7	783	7.9	1,409	5.3	2,212	6.0
DOUBLE STATE LETTERED	8	5.1	327	3.3	648	2.4	983	2.7
OUTER ROAD	3	1.9	79	0.8	199	0.7	281	0.8
COUNTY ROAD	25	15.8	1,158	11.6	2,355	8.8	3,538	9.6
CITY STREET	24	15.2	3,743	37.6	12,151	45.3	15,918	43.1
INTERSTATE LOOP	0	0.0	56	0.6	132	0.5	188	0.5
OTHER <sup>1</sup>	2	1.3	285	2.9	993	3.7	1,280	3.5
<b>TOTAL</b>	158	100.0	9,965	100.0	26,853	100.0	36,976	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.3.8**

# 2007 YOUNG DRIVER INVOLVED CRASHES

## HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	4	9.3	499	8.6	1,394	7.8	1,897	8.0	6	5.2	244	5.9	834	9.3	1,084	8.2
U.S. HIGHWAY	6	14.0	506	8.7	1,326	7.4	1,838	7.8	19	16.5	524	12.6	1,044	11.6	1,587	12.0
STATE NUMBERED	4	9.3	756	13.1	2,375	13.3	3,135	13.2	37	32.2	1,005	24.1	1,993	22.2	3,035	22.9
SINGLE STATE LETTERED	3	7.0	141	2.4	452	2.5	596	2.5	17	14.8	642	15.4	957	10.7	1,616	12.2
DOUBLE STATE LETTERED	0	0.0	86	1.5	276	1.5	362	1.5	8	7.0	241	5.8	372	4.1	621	4.7
OUTER ROAD	0	0.0	42	0.7	129	0.7	171	0.7	3	2.6	37	0.9	70	0.8	110	0.8
COUNTY ROAD	3	7.0	102	1.8	258	1.4	363	1.5	22	19.1	1,056	25.3	2,097	23.3	3,175	23.9
CITY STREET	22	51.2	3,411	58.9	10,842	60.7	14,275	60.2	2	1.7	332	8.0	1,309	14.6	1,643	12.4
INTERSTATE LOOP	0	0.0	39	0.7	103	0.6	142	0.6	0	0.0	17	0.4	29	0.3	46	0.4
OTHER <sup>1</sup>	1	2.3	209	3.6	713	4.0	923	3.9	1	0.9	76	1.8	280	3.1	357	2.7
TOTAL	43	100.0	5,791	100.0	17,868	100.0	23,702	100.0	115	100.0	4,174	100.0	8,985	100.0	13,274	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.3.9**

**2008 MISSOURI YOUNG DRIVER INVOLVED CRASHES****MONTH OF YEAR**

MONTH	FREQUENCY	PERCENT
JANUARY	3,062	8.3
FEBRUARY	2,827	7.7
MARCH	2,717	7.4
APRIL	2,928	7.9
MAY	3,350	9.1
JUNE	3,003	8.1
JULY	2,929	7.9
AUGUST	2,969	8.0
SEPTEMBER	3,105	8.4
OCTOBER	3,443	9.3
NOVEMBER	3,224	8.7
DECEMBER	3,419	9.3
<b>TOTAL</b>	36,976	100.0

**TABLE 3.3.10**

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**2008 MISSOURI YOUNG DRIVER INVOLVED CRASHES****DAY OF WEEK**

DAY	FREQUENCY	PERCENT
SUNDAY	3,826	10.4
MONDAY	4,910	13.3
TUESDAY	5,496	14.9
WEDNESDAY	5,607	15.2
THURSDAY	5,760	15.6
FRIDAY	6,316	17.1
SATURDAY	5,049	13.7
<b>TOTAL</b>	36,964	100.0

Unknown Data Not Included

**TABLE 3.3.11**

## 2008 MISSOURI YOUNG DRIVER INVOLVED CRASHES

### HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	721	2.0
01:00A - 01:59A	579	1.6
02:00A - 02:59A	397	1.1
03:00A - 03:59A	312	0.9
04:00A - 04:59A	204	0.6
05:00A - 05:59A	248	0.7
06:00A - 06:59A	612	1.7
07:00A - 07:59A	2,199	6.0
08:00A - 08:59A	1,238	3.4
09:00A - 09:59A	944	2.6
10:00A - 10:59A	1,161	3.2
11:00A - 11:59A	1,605	4.4
NOON - 12:59P	2,076	5.6
01:00P - 01:59P	2,019	5.5
02:00P - 02:59P	2,773	7.5
03:00P - 03:59P	4,030	10.9
04:00P - 04:59P	3,380	9.2
05:00P - 05:59P	3,270	8.9
06:00P - 06:59P	2,256	6.1
07:00P - 07:59P	1,687	4.6
08:00P - 08:59P	1,504	4.1
09:00P - 09:59P	1,481	4.0
10:00P - 10:59P	1,234	3.4
11:00P - MIDNIGHT	924	2.5
<b>TOTAL</b>	36,854	100.0

Unknown Data Not Included

**TABLE 3.3.12**

## 2008 MISSOURI YOUNG DRIVER CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL YOUNG DRIVER CRASHES = 158				TOTAL YOUNG DRIVER CRASHES = 36,976		
	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	YOUNG DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.6	0.0	0.6	1.9	0.4	2.2
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.1
IMPROPERLY STOPPED ON ROADWAY	0.6	0.6	1.3	0.2	0.3	0.5
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	51.9	4.4	55.7	19.3	2.5	21.4
IMPROPER PASSING	1.3	1.3	1.9	1.0	0.4	1.4
VIOLATION OF STOP SIGN	2.5	1.9	4.4	3.1	1.4	4.4
WRONG SIDE NOT PASSING	12.0	3.8	15.8	1.5	0.4	1.9
FOLLOWING TOO CLOSE	0.6	1.3	1.9	13.5	4.8	18.0
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.3
IMPROPER BACKING	0.0	0.0	0.0	1.7	0.7	2.4
IMPROPER TURN	0.6	0.0	0.6	2.4	1.1	3.5
IMPROPER LANE USAGE / CHANGE	14.6	1.9	16.5	6.7	2.5	9.1
WRONG WAY ONE-WAY STREET	0.0	0.6	0.6	0.1	0.0	0.1
IMPROPER START FROM PARK	0.6	0.0	0.6	0.2	0.0	0.3
IMPROPERLY PARKED	0.0	0.6	0.6	0.1	0.2	0.3
FAILED TO YIELD	10.1	9.5	19.6	13.7	6.8	20.3
DRINKING	18.4	5.7	24.1	2.6	0.7	3.2
DRUGS	4.4	0.0	4.4	0.4	0.1	0.5
PHYSICAL IMPAIRMENT	0.6	0.6	1.3	1.1	0.1	1.3
INATTENTION	17.7	3.8	20.3	23.5	7.0	29.6

<sup>1</sup>This table identifies the percentage of young driver crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the young driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri fatal young driver crashes, it was found that a young driver was speeding in 51.9% of the crashes. In 4.4% of the crashes another driver was speeding. In 55.7% of the crashes either a young driver, another driver, or both drivers were speeding.

**TABLE 3.3.13**

## YOUNG DRIVERS IN 2008 MISSOURI CRASHES

### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	126	76.4	5,714	53.0	15,868	54.2	21,708	54.0
FEMALE	39	23.6	5,061	47.0	13,399	45.8	18,499	46.0
UNKNOWN	0	-	0	-	291	-	291	-
<b>TOTAL</b>	165	100.0	10,775	100.0	29,558	100.0	40,498	100.0

**TABLE 3.3.14**

## YOUNG DRIVERS IN 2008 MISSOURI CRASHES

### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF YOUNG DRIVER<sup>1</sup></b>	18.1	-	18.0	-	18.0	-	18.0	-
14 YEARS AND UNDER	3	1.8	68	0.6	73	0.3	144	0.4
15 YEARS	3	1.8	158	1.5	311	1.1	472	1.2
16 YEARS	16	9.7	1,825	16.9	5,302	17.9	7,143	17.6
17 YEARS	32	19.4	2,088	19.4	6,062	20.5	8,182	20.2
18 YEARS	37	22.4	2,406	22.3	6,463	21.9	8,906	22.0
19 YEARS	37	22.4	2,162	20.1	5,788	19.6	7,987	19.7
20 YEARS	37	22.4	2,068	19.2	5,559	18.8	7,664	18.9
<b>TOTAL</b>	165	100.0	10,775	100.0	29,558	100.0	40,498	100.0

<sup>1</sup> Average age is based on only drivers 20 years of age and under.

**TABLE 3.3.15**

# YOUNG DRIVERS IN 2008 MISSOURI CRASHES

## DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>MISSOURI</b>								
LEARNER'S PERMIT	1	0.6	246	2.3	547	1.9	794	2.0
OPERATOR'S LICENSE	132	81.0	9,271	88.1	25,647	90.1	35,050	89.5
MOTORCYCLE ONLY	0	0.0	2	0.0	0	0.0	2	0.0
COMERCIAL DRIVER'S LICENSE	0	0.0	31	0.3	78	0.3	109	0.3
SUBTOTAL	133	81.6	9,550	90.7	26,272	92.3	35,955	91.9
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	7	0.1	12	0.0	19	0.1
OPERATOR'S LICENSE	10	6.1	495	4.7	1,485	5.2	1,990	5.1
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	6	0.1	17	0.1	23	0.1
SUBTOTAL	10	6.1	508	4.8	1,514	5.3	2,032	5.2
UNLICENSED	20	12.3	468	4.5	668	2.4	1,156	3.0
UNKNOWN	2	-	249	-	1,104	-	1,355	-
<b>TOTAL</b>	165	100.0	10,775	100.0	29,558	100.0	40,498	100.0

TABLE 3.3.16

**YOUNG DRIVERS IN 2008 MISSOURI CRASHES**

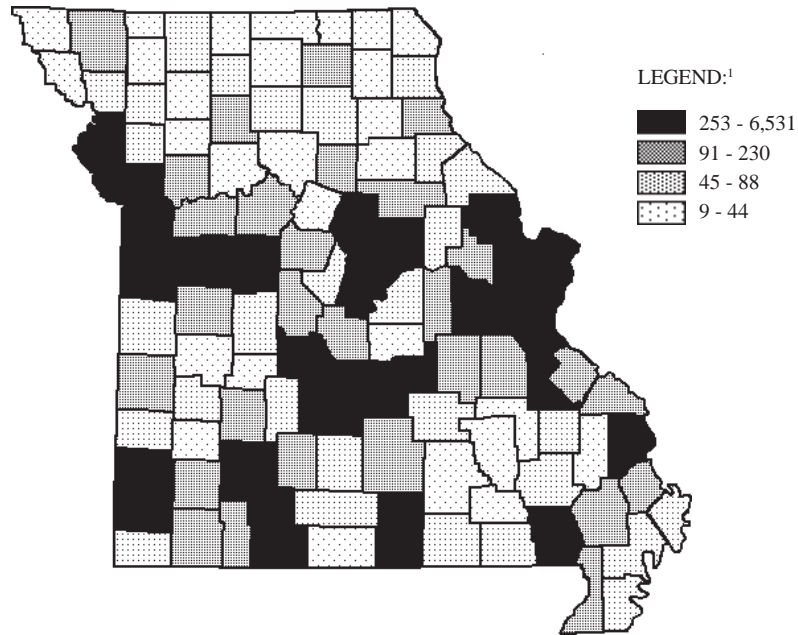
**TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
AUTOMOBILE	88	53.3	7,338	68.1	20,797	70.4	28,223	69.7
SPORT UTILITY VEHICLE	19	11.5	1,384	12.9	3,691	12.5	5,094	12.6
LIMOUSINE	0	0.0	0	0.0	2	0.0	2	0.0
VAN	3	1.8	276	2.6	771	2.6	1,050	2.6
BUS	0	0.0	2	0.0	6	0.0	8	0.0
SCHOOL BUS	0	0.0	1	0.0	3	0.0	4	0.0
MOTORCYCLE	4	2.4	168	1.6	52	0.2	224	0.6
ALL TERRAIN VEHICLE	8	4.9	76	0.7	15	0.1	99	0.2
MOPED	0	0.0	19	0.2	5	0.0	24	0.1
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	4	0.0	11	0.0	15	0.0
CONSTRUCTION EQUIPMENT	0	0.0	1	0.0	7	0.0	8	0.0
OTHER TRANSPORT DEVICE	1	0.6	7	0.1	7	0.0	15	0.0
PICKUP TRUCK	42	25.5	1,471	13.7	4,066	13.8	5,579	13.8
OTHER TRUCKS	0	0.0	26	0.2	103	0.4	129	0.3
UNKNOWN	0	-	2	-	22	-	24	-
<b>TOTAL</b>	165	100.0	10,775	100.0	29,558	100.0	40,498	100.0

**TABLE 3.3.17**

## 2008 YOUNG DRIVER INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

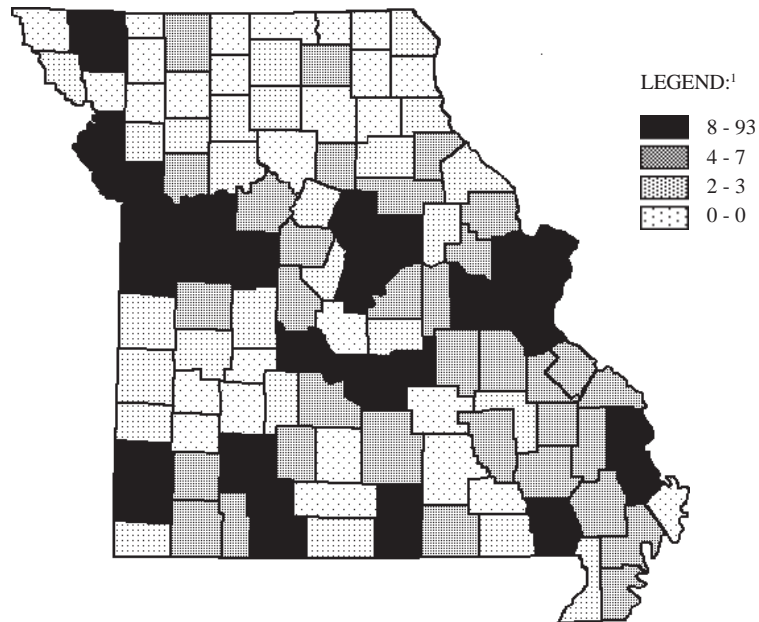
RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	6,531	17.7	23.0	BUTLER	306	0.8
2.0	JACKSON	4,432	12.0	24.0	CALLAWAY	282	0.8
3.0	ST. CHARLES	2,435	6.6	25.0	LACLEDE	276	0.7
4.0	GREENE	2,195	5.9	26.0	HOWELL	262	0.7
5.0	ST. LOUIS CITY	1,999	5.4	27.0	PULASKI	257	0.7
6.0	JEFFERSON	1,411	3.8	28.0	CAMDEN	254	0.7
7.0	CLAY	1,192	3.2	29.0	LINCOLN	253	0.7
8.0	BOONE	1,045	2.8				First Quartile
9.0	JASPER	913	2.5				
10.0	FRANKLIN	795	2.2				Second Quartile
11.0	BUCHANAN	755	2.0	30.0	SCOTT	230	0.6
12.0	CAPE GIRARDEAU	753	2.0	31.0	MARION	212	0.6
13.0	PLATTE	569	1.5	32.0	LAWRENCE	187	0.5
14.0	CASS	558	1.5	33.0	LAFAYETTE	184	0.5
15.0	COLE	493	1.3	34.0	DUNKLIN	179	0.5
16.0	PHELPS	398	1.1	35.0	BARRY	178	0.5
17.0	CHRISTIAN	366	1.0	36.0	WEBSTER	156	0.4
18.0	PETTIS	349	0.9	37.0	WARREN	151	0.4
19.0	JOHNSON	348	0.9	38.0	STONE	150	0.4
20.0	TANEY	347	0.9	40.5	MILLER	145	0.4
21.0	NEWTON	336	0.9	40.5	POLK	145	0.4
22.0	ST. FRANCOIS	328	0.9	40.5	RANDOLPH	145	0.4

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.5	SALINE	145	0.4	79.0	RALLS	57	0.2
43.0	NODAWAY	141	0.4	80.5	BARTON	55	0.1
44.0	AUDRAIN	139	0.4	80.5	MADISON	55	0.1
45.0	STODDARD	133	0.4	82.0	MISSISSIPPI	53	0.1
46.0	LIVINGSTON	118	0.3	84.0	DE KALB	52	0.1
47.0	GASCONADE	117	0.3	84.0	MACON	52	0.1
48.5	ADAIR	112	0.3	84.0	OREGON	52	0.1
48.5	VERNON	112	0.3	86.0	LEWIS	50	0.1
50.0	CRAWFORD	107	0.3	87.0	CEDAR	45	0.1
51.5	COOPER	106	0.3	Third Quartile			
51.5	PERRY	106	0.3	Fourth Quartile			
53.0	RAY	103	0.3	88.0	BOLLINGER	44	0.1
54.0	HENRY	99	0.3	89.0	HOWARD	41	0.1
55.5	MORGAN	93	0.3	90.0	IRON	38	0.1
55.5	WASHINGTON	93	0.3	91.0	MONROE	37	0.1
57.5	STE. GENEVIEVE	91	0.2	92.0	CARROLL	33	0.1
57.5	TEXAS	91	0.2	93.5	GENTRY	32	0.1
Second Quartile				93.5	ST. CLAIR	32	0.1
Third Quartile				95.0	SHANNON	31	0.1
59.0	PIKE	88	0.2	97.0	CALDWELL	29	0.1
60.5	MCDONALD	85	0.2	97.0	MARIES	29	0.1
60.5	PEMISCOT	85	0.2	97.0	SULLIVAN	29	0.1
62.5	ANDREW	80	0.2	99.5	DAVIESS	28	0.1
62.5	MONITEAU	80	0.2	99.5	REYNOLDS	28	0.1
64.0	OSAGE	79	0.2	101.0	OZARK	26	0.1
65.0	CLINTON	78	0.2	103.0	CARTER	23	0.1
66.0	BENTON	77	0.2	103.0	CLARK	23	0.1
67.5	DENT	71	0.2	103.0	DADE	23	0.1
67.5	NEW MADRID	71	0.2	105.0	PUTNAM	21	0.1
70.0	MONTGOMERY	64	0.2	106.5	CHARITON	19	0.1
70.0	WAYNE	64	0.2	106.5	SCHUYLER	19	0.1
70.0	WRIGHT	64	0.2	108.0	HOLT	18	0.1
72.0	RIPLEY	62	0.2	109.5	ATCHISON	16	0.0
73.5	BATES	61	0.2	109.5	SCOTLAND	16	0.0
73.5	GRUNDY	61	0.2	111.0	HICKORY	14	0.0
75.5	DALLAS	60	0.2	112.0	SHELBY	13	0.0
75.5	LINN	60	0.2	113.0	MERCER	12	0.0
77.0	DOUGLAS	59	0.2	114.5	KNOX	9	0.0
78.0	HARRISON	58	0.2	114.5	WORTH	9	0.0

TABLE 3.3.18

## 2008 YOUNG DRINKING DRIVER INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	93	9.8	24.5	CAMDEN	9	0.9
2.0	ST. LOUIS	91	9.6	24.5	LAFAYETTE	9	0.9
3.0	ST. CHARLES	85	9.0	27.5	BUTLER	8	0.8
4.0	JEFFERSON	51	5.4	27.5	CHRISTIAN	8	0.8
5.0	GREENE	38	4.0	27.5	NODAWAY	8	0.8
6.0	CLAY	33	3.5	27.5	PHELPS	8	0.8
7.0	FRANKLIN	29	3.1	First Quartile			
8.0	BOONE	27	2.8				
9.0	JASPER	23	2.4	Second Quartile			
10.0	BUCHANAN	19	2.0	32.0	BARRY	7	0.7
11.0	PETTIS	16	1.7	32.0	LINCOLN	7	0.7
12.5	CASS	15	1.6	32.0	MORGAN	7	0.7
12.5	NEWTON	15	1.6	32.0	ST. FRANCOIS	7	0.7
14.0	PLATTE	14	1.5	32.0	WAYNE	7	0.7
16.0	CALLAWAY	12	1.3	38.5	HARRISON	6	0.6
16.0	CAPE GIRARDEAU	12	1.3	38.5	LAWRENCE	6	0.6
16.0	JOHNSON	12	1.3	38.5	OREGON	6	0.6
19.0	HOWELL	11	1.2	38.5	RALLS	6	0.6
19.0	SCOTT	11	1.2	38.5	RANDOLPH	6	0.6
19.0	ST. LOUIS CITY	11	1.2	38.5	STE. GENEVIEVE	6	0.6
22.0	COLE	10	1.1	38.5	STONE	6	0.6
22.0	PULASKI	10	1.1	38.5	TEXAS	6	0.6
22.0	TANEY	10	1.1	46.5	AUDRAIN	5	0.5

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
46.5	BOLLINGER	5	0.5	83.0	CARROLL	2	0.2
46.5	CRAWFORD	5	0.5	83.0	CLARK	2	0.2
46.5	MADISON	5	0.5	83.0	DALLAS	2	0.2
46.5	OSAGE	5	0.5	83.0	HOLT	2	0.2
46.5	WARREN	5	0.5	83.0	HOWARD	2	0.2
46.5	WASHINGTON	5	0.5	83.0	LINN	2	0.2
46.5	WEBSTER	5	0.5	83.0	MCDONALD	2	0.2
56.5	ADAIR	4	0.4	83.0	MONITEAU	2	0.2
56.5	COOPER	4	0.4	83.0	VERNON	2	0.2
56.5	GASCONADE	4	0.4	Third Quartile			
56.5	HENRY	4	0.4	Fourth Quartile			
56.5	LACLEDE	4	0.4	95.0	ANDREW	1	0.1
56.5	NEW MADRID	4	0.4	95.0	CARTER	1	0.1
56.6	PEMISCOT	4	0.4	95.0	CHARITON	1	0.1
56.5	PERRY	4	0.4	95.0	DADE	1	0.1
56.5	RAY	4	0.4	95.0	DAVIESS	1	0.1
56.5	REYNOLDS	4	0.4	95.0	DENT	1	0.1
56.5	SALINE	4	0.4	95.0	DOUGLAS	1	0.1
56.5	STODDARD	4	0.4	95.0	KNOX	1	0.1
Second Quartile				95.0	LEWIS	1	0.1
Third Quartile				95.0	MILLER	1	0.1
70.0	BARTON	3	0.3	95.0	MISSISSIPPI	1	0.1
70.0	BATES	3	0.3	95.0	SHANNON	1	0.1
70.0	CLINTON	3	0.3	95.0	WRIGHT	1	0.1
70.0	DUNKLIN	3	0.3	108.5	ATCHISON	0	0.0
70.0	IRON	3	0.3	108.5	CEDAR	0	0.0
70.0	LIVINGSTON	3	0.3	108.5	DE KALB	0	0.0
70.0	MARIES	3	0.3	108.5	GENTRY	0	0.0
70.0	MARION	3	0.3	108.5	GRUNDY	0	0.0
70.0	MONROE	3	0.3	108.5	HICKORY	0	0.0
70.0	MONTGOMERY	3	0.3	108.5	MACON	0	0.0
70.0	OZARK	3	0.3	108.5	MERCER	0	0.0
70.0	PIKE	3	0.3	108.5	POLK	0	0.0
70.0	RIPLEY	3	0.3	108.5	PUTNAM	0	0.0
70.0	ST. CLAIR	3	0.3	108.5	SCHUYLER	0	0.0
70.0	SULLIVAN	3	0.3	108.5	SCOTLAND	0	0.0
83.0	BENTON	2	0.2	108.5	SHELBY	0	0.0
83.0	CALDWELL	2	0.2	108.5	WORTH	0	0.0

**TABLE 3.3.19**

## 2008 YOUNG DRIVER INVOLVED CRASHES

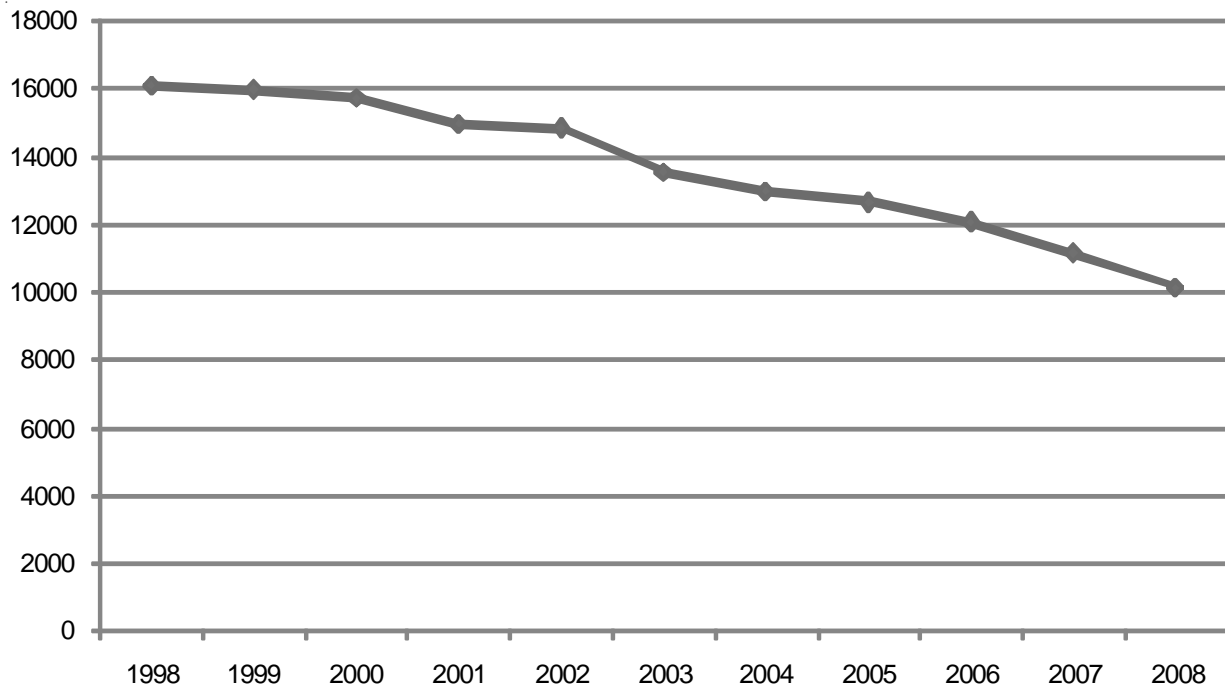
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	2,715	10.2
2.0	ST. LOUIS	1,999	7.5
3.0	SPRINGFIELD	1,803	6.7
4.0	COLUMBIA	861	3.2
5.0	INDEPENDENCE	836	3.1
6.0	LEE'S SUMMIT	722	2.7
7.0	ST. JOSEPH	690	2.6
8.0	JOPLIN	605	2.3
9.0	ST. PETERS	508	1.9
10.0	CAPE GIRARDEAU	502	1.9
11.0	ST. CHARLES	491	1.8
12.0	O'FALLON	477	1.8
13.0	FLORISSANT	423	1.6
14.0	JEFFERSON CITY	379	1.4
15.0	BLUE SPRINGS	375	1.4
16.0	CHESTERFIELD	363	1.4
17.0	KIRKWOOD	310	1.2
18.0	LIBERTY	271	1.0
19.0	CREVE COEUR	270	1.0
20.0	SEDALIA	249	0.9
21.0	ARNOLD	242	0.9
22.0	ROLLA	233	0.9
23.0	MARYLAND HEIGHTS	230	0.9
24.0	POPLAR BLUFF	221	0.8
25.0	HAZELWOOD	219	0.8
26.0	WARRENSBURG	186	0.7
27.5	BELTON	181	0.7
27.5	WILDWOOD	181	0.7
29.0	WASHINGTON	178	0.7
30.0	SUNSET HILLS	177	0.7
31.0	BRANSON	175	0.7
32.0	WENTZVILLE	173	0.6
33.0	LEBANON	170	0.6
34.0	TOWN AND COUNTRY	159	0.6
35.0	HANNIBAL	157	0.6
36.0	BRIDGETON	150	0.6
37.5	RAYTOWN	142	0.5
37.5	WEST PLAINS	142	0.5
39.0	FESTUS	137	0.5
40.0	DES PERES	133	0.5
41.0	GLADSTONE	132	0.5
42.0	GRANDVIEW	126	0.5
43.0	WEBSTER GROVES	124	0.5
45.0	BALLWIN	123	0.5
45.0	JACKSON	123	0.5
45.0	UNION	123	0.5
47.0	SIKESTON	122	0.5

<sup>1</sup>Percentage is based on young driver involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.3.20**

**MISSOURI FATAL AND PERSONAL INJURY YOUNG DRIVER INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.3.1**

### 3.4 OLDER DRIVER INVOLVEMENT

***This section presents a series of data displays which describe older driver involvement in Missouri's traffic crash experience. Older driver traffic crashes are defined as any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were 55 years or older. Data displays also are provided which identify characteristics of these older drivers.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 30.1% involved an older driver. Of all fatal traffic crashes, 30.6% involved an older driver. A total of 289 persons were killed and 15,749 were injured in traffic crashes involving older drivers.
- There was a decrease of 4.2% in the rate of change when comparing 2008 older driver traffic crashes with those in 2007. There was a decrease of 9.6% when comparing 2008 fatal older driver traffic crashes with 2007.
- In 2008, one person was killed or injured in older driver related traffic crashes every 32.8 minutes in the State of Missouri.
- Of all older driver related traffic crashes, the first harmful event in 81.2% of the incidents involved one motor vehicle in transport striking another motor vehicle in transport. In older driver fatal traffic crashes, 58.4% involved one motor vehicle in transport striking another motor vehicle in transport and 28.6% of the cases involved a motor vehicle striking a fixed object.
- Of all 2008 older driver crashes, 67.1% occurred in an urban area and 32.9% occurred in a rural area of the State. However, 78.4% of the fatal older driver crashes occurred in a rural area.
- Of all older driver traffic crashes, 85.9% occurred from 7:00 A.M. through 6:59 P.M.
- Of all older drivers involved in traffic crashes, 57.3% were male and 42.7% were female. The average age of older drivers (55 years and older) was 65.7 years.
- Of the older drivers, 89.1% had a Missouri driver's license, 10.4% had an out-of-state driver's license, and 0.5% were unlicensed at the time of the crash.
- Of the older drivers, 53.6% were driving an automobile and 17.0% were driving a pickup truck at the time of the crash.

## 2008 MISSOURI TRAFFIC CRASHES

### OLDER DRIVER INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER <sup>1</sup> INJURED	OLDER DRIVERS <sup>2</sup> KILLED	OLDER DRIVERS <sup>2</sup> INJURED
OLDER DRIVER INVOLVED	255	30.6	10,562	29.0	30,837	30.5	41,654	30.1	289	15,749	181	6,741
NO OLDER DRIVER INVOLVED	579	69.4	25,871	71.0	70,434	69.6	96,884	69.9	660	37,332	-	-
UNKNOWN <sup>3</sup>	11	-	1,607	-	15,703	-	17,321	-	11	2,068	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,974</b>	<b>100.0</b>	<b>155,859</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>181</b>	<b>6,741</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more older drivers were involved.

<sup>2</sup>This statistic indicates the number of older drivers killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the known drivers involved in the accident was 55 years of age and older and the ages of one or more drivers involved in the crash was not known.

**TABLE 3.4.1**

### 2007 and 2008 OLDER DRIVER INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	282	255	- 9.6
PERSONAL INJURY	11,160	10,562	- 5.4
PROPERTY DAMAGE	32,043	30,837	- 3.8
TOTAL	43,485	41,654	- 4.2

**TABLE 3.4.2**

### 2008 OLDER DRIVER INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	1	0.4	65	0.6	803	2.6	869	2.1
BICYCLIST	0	0.0	119	1.1	24	0.1	143	0.3
FIXED OBJECT	73	28.6	1,356	12.8	2,661	8.6	4,090	9.8
OTHER OBJECT	1	0.4	24	0.2	245	0.8	270	0.7
PEDESTRIAN	8	3.1	187	1.8	19	0.1	214	0.5
TRAIN	1	0.4	4	0.0	12	0.0	17	0.0
VEHICLE IN TRANSPORT	149	58.4	8,366	79.2	25,323	82.1	33,838	81.2
VEHICLE ON OTHER ROADWAY	2	0.8	19	0.2	64	0.2	85	0.2
PARKED VEHICLE	3	1.2	106	1.0	1,360	4.4	1,469	3.5
NONCOLLISION OVERTURN	16	6.3	276	2.6	163	0.5	455	1.1
NONCOLLISION OTHER	1	0.4	40	0.4	163	0.5	204	0.5
<b>TOTAL</b>	255	100.0	10,562	100.0	30,837	100.0	41,654	100.0

**TABLE 3.4.3**

## 2008 OLDER DRIVER INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	55	21.6	6,733	63.8	21,152	68.6	27,940	67.1
RURAL	200	78.4	3,829	36.3	9,685	31.4	13,714	32.9
<b>TOTAL</b>	255	100.0	10,562	100.0	30,837	100.0	41,654	100.0

**TABLE 3.4.4**

## 2008 OLDER DRIVER INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	192	75.6	9,132	86.8	26,612	88.7	35,936	88.1
CURVE	62	24.4	1,388	13.2	3,395	11.3	4,845	11.9
UNKNOWN	1	-	42	-	830	-	873	-
<b>TOTAL</b>	255	100.0	10,562	100.0	30,837	100.0	41,654	100.0

**TABLE 3.4.5**

## 2008 OLDER DRIVER INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	114	44.7	7,110	68.2	21,620	72.7	28,844	71.3
HILL	128	50.2	3,030	29.1	7,492	25.2	10,650	26.3
CREST	13	5.1	289	2.8	636	2.1	938	2.3
UNKNOWN	0	-	133	-	1,089	-	1,222	-
<b>TOTAL</b>	255	100.0	10,562	100.0	30,837	100.0	41,654	100.0

**TABLE 3.4.6**

## 2008 OLDER DRIVER INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	207	81.8	8,331	79.3	23,769	77.8	32,307	78.2
WET	39	15.4	1,722	16.4	5,208	17.0	6,969	16.9
SNOW	4	1.6	209	2.0	799	2.6	1,012	2.5
ICE	2	0.8	207	2.0	669	2.2	878	2.1
SLUSH	1	0.4	24	0.2	78	0.3	103	0.3
MUD	0	0.0	2	0.0	9	0.0	11	0.0
STANDING WATER	0	0.0	1	0.0	14	0.1	15	0.0
MOVING WATER	0	0.0	5	0.1	14	0.1	19	0.1
UNKNOWN	2	-	61	-	277	-	340	-
<b>TOTAL</b>	255	100.0	10,562	100.0	30,837	100.0	41,654	100.0

**TABLE 3.4.7**

## 2008 OLDER DRIVER INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	32	12.6	1057	10.0	3,335	10.8	4,424	10.6
U.S. HIGHWAY	72	28.2	1,387	13.1	3,273	10.6	4,732	11.4
STATE NUMBERED	67	26.3	2,180	20.6	5,112	16.6	7,359	17.7
SINGLE STATE LETTERED	29	11.4	603	5.7	1,319	4.3	1,951	4.7
DOUBLE STATE LETTERED	7	2.8	268	2.5	596	1.9	871	2.1
OUTER ROAD	1	0.4	75	0.7	210	0.7	286	0.7
COUNTY ROAD	16	6.3	564	5.3	1,638	5.3	2,218	5.3
CITY STREET	26	10.2	4,049	38.3	13,999	45.4	18,074	43.4
INTERSTATE LOOP	0	0.0	62	0.6	148	0.5	210	0.5
OTHER <sup>1</sup>	5	2.0	317	3.0	1,207	3.9	1,529	3.7
<b>TOTAL</b>	255	100.0	10,562	100.0	30,837	100.0	41,654	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.4.8**

**2007 OLDER DRIVER INVOLVED CRASHES**

**HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY**

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	12	21.8	671	10.0	1,970	9.3	2,653	9.5	20	10.0	386	10.1	1,365	14.1	1,771	12.9
U.S. HIGHWAY	7	12.7	646	9.6	1,735	8.2	2,388	8.6	65	32.5	741	19.4	1,538	15.9	2,344	17.1
STATE NUMBERED	7	12.7	1,030	15.3	2,795	13.2	3,832	13.7	60	30.0	1,150	30.0	2,317	23.9	3,527	25.7
SINGLE STATE LETTERED	2	3.6	139	2.1	500	2.4	641	2.3	27	13.5	464	12.1	819	8.5	1,310	9.6
DOUBLE S TATE LETTERED	1	1.8	108	1.6	271	1.3	380	1.4	6	3.0	160	4.2	325	3.4	491	3.6
OUTER ROAD	1	1.8	46	0.7	138	0.7	185	0.7	0	0.0	29	0.8	72	0.7	101	0.7
COUNTY ROAD	3	5.5	80	1.2	241	1.1	324	1.2	13	6.5	484	12.6	1,397	14.4	1,894	13.8
CITY STREET	19	34.6	3,719	55.2	12,509	59.1	16,247	58.2	7	3.5	330	8.6	1,490	15.4	1,827	13.3
INTERSTATE LOOP	0	0.0	48	0.7	121	0.6	169	0.6	0	0.0	14	0.4	27	0.3	41	0.3
OTHER <sup>1</sup>	3	5.5	246	3.7	872	4.1	1,121	4.0	2	1.0	71	1.9	335	3.5	408	3.0
TOTAL	55	100.0	6,733	100.0	21,152	100.0	27,940	100.0	200	100.0	3,829	100.0	9,685	100.0	13,714	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.4.9**

**2008 MISSOURI OLDER DRIVER INVOLVED CRASHES****MONTH OF YEAR**

MONTH	FREQUENCY	PERCENT
JANUARY	3,426	8.2
FEBRUARY	3,160	7.6
MARCH	3,036	7.3
APRIL	3,339	8.0
MAY	3,605	8.7
JUNE	3,392	8.1
JULY	3,403	8.2
AUGUST	3,392	8.1
SEPTEMBER	3,449	8.3
OCTOBER	3,898	9.4
NOVEMBER	3,506	8.4
DECEMBER	4,048	9.7
<b>TOTAL</b>	41,654	100.0

**TABLE 3.4.10****2008 MISSOURI OLDER DRIVER INVOLVED CRASHES****DAY OF WEEK**

DAY	FREQUENCY	PERCENT
SUNDAY	3,213	7.7
MONDAY	6,265	15.0
TUESDAY	6,797	16.3
WEDNESDAY	6,794	16.3
THURSDAY	6,741	16.2
FRIDAY	7,222	17.3
SATURDAY	4,613	11.1
<b>TOTAL</b>	41,645	100.0

Unknown Data Not Included

**TABLE 3.4.11**

## 2008 MISSOURI OLDER DRIVER INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	230	0.6
01:00A - 01:59A	149	0.4
02:00A - 02:59A	102	0.3
03:00A - 03:59A	87	0.2
04:00A - 04:59A	146	0.4
05:00A - 05:59A	371	0.9
06:00A - 06:59A	949	2.3
07:00A - 07:59A	2,014	4.9
08:00A - 08:59A	2,136	5.1
09:00A - 09:59A	2,295	5.5
10:00A - 10:59A	2,636	6.4
11:00A - 11:59A	3,175	7.6
NOON - 12:59P	3,519	8.5
01:00P - 01:59P	3,355	8.1
02:00P - 02:59P	3,352	8.1
03:00P - 03:59P	4,082	9.8
04:00P - 04:59P	3,689	8.9
05:00P - 05:59P	3,335	8.0
06:00P - 06:59P	2,084	5.0
07:00P - 07:59P	1,269	3.1
08:00P - 08:59P	908	2.2
09:00P - 09:59P	788	1.9
10:00P - 10:59P	522	1.3
11:00P - MIDNIGHT	346	0.8
<b>TOTAL</b>	41,539	100.0

Unknown Data Not Included

**TABLE 3.4.12**

## 2008 MISSOURI OLDER DRIVER CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL OLDER DRIVER CRASHES = 255				TOTAL OLDER DRIVER CRASHES = 41,654		
	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	OLDER DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.4	0.4	0.8	1.2	1.0	2.2
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.8	1.2	2.0	0.4	0.3	0.7
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	15.3	6.7	21.6	6.3	5.3	11.4
IMPROPER PASSING	1.6	0.8	2.4	0.8	0.9	1.7
VIOLATION OF STOP SIGN	2.4	2.4	4.7	3.0	2.5	5.3
WRONG SIDE NOT PASSING	11.8	5.9	17.6	0.8	0.7	1.4
FOLLOWING TOO CLOSE	1.6	2.0	3.1	6.7	9.6	16.0
IMPROPER SIGNAL	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPER BACKING	0.4	0.0	0.4	2.4	1.0	3.4
IMPROPER TURN	0.4	0.0	0.4	2.7	1.5	4.1
IMPROPER LANE USAGE / CHANGE	13.3	5.1	18.4	6.4	3.8	9.9
WRONG WAY ONE-WAY STREET	1.2	0.4	1.6	0.1	0.1	0.2
IMPROPER START FROM PARK	0.4	0.0	0.4	0.1	0.1	0.2
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.3	0.4
FAILED TO YIELD	17.6	5.1	22.7	14.1	8.9	22.7
DRINKING	7.8	4.3	11.8	1.1	0.8	1.9
DRUGS	1.2	0.8	2.0	0.2	0.2	0.4
PHYSICAL IMPAIRMENT	7.1	1.2	8.2	2.1	0.3	2.4
INATTENTION	22.0	9.8	30.6	17.0	13.6	29.5

<sup>1</sup>This table identifies the percentage of older driver crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the older driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri fatal older driver crashes, it was found that an older driver was speeding in 15.3% of the crashes. In 6.7% of the crashes another driver was speeding. In 21.6% of the crashes either an older driver, another driver, or both drivers were speeding.

**TABLE 3.4.13**

## OLDER DRIVERS IN 2008 MISSOURI CRASHES

### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	216	74.0	6,762	56.8	19,339	57.4	26,317	57.3
FEMALE	76	26.0	5,135	43.2	14,363	42.6	19,574	42.7
UNKNOWN	0	-	0	-	448	-	448	-
<b>TOTAL</b>	292	100.0	11,897	100.0	34,150	100.0	46,339	100.0

**TABLE 3.4.14**

## OLDER DRIVERS IN 2008 MISSOURI CRASHES

### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF OLDER DRIVER<sup>1</sup></b>	67.4	-	65.7	-	65.7	-	65.7	-
55 - 59 YEARS	86	29.5	3,667	30.8	10,644	31.2	14,397	31.1
60 - 64 YEARS	58	19.9	2,826	23.8	8,065	23.6	10,949	23.6
65 - 69 YEARS	36	12.3	1,855	15.6	5,376	15.7	7,267	15.7
70 - 74 YEARS	34	11.6	1,372	11.5	3,738	11.0	5,144	11.1
75 YEARS AND OVER	78	26.7	2,177	18.3	6,327	18.5	8,852	18.5
<b>TOTAL</b>	292	100.0	11,897	100.0	34,150	100.0	46,339	100.0

<sup>1</sup> Average age is based on only drivers 55 years of age and over.

**TABLE 3.4.15**

# **OLDER DRIVERS IN 2008 MISSOURI CRASHES**

## **DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>MISSOURI</b>								
LEARNER'S PERMIT	0	0.0	5	0.0	11	0.0	16	0.0
OPERATOR'S LICENSE	207	71.4	9,708	82.7	26,617	80.7	36,532	81.1
MOTORCYCLE ONLY	0	0.0	2	0.0	2	0.0	4	0.0
COMERCIAL DRIVER'S LICENSE	27	9.3	824	7.0	2,717	8.2	3,568	7.9
SUBTOTAL	234	80.7	10,539	89.7	29,347	88.9	40,120	89.1
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	0	0.0	2	0.0	2	0.0
OPERATOR'S LICENSE	33	11.4	888	7.6	2,746	8.3	3,667	8.1
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	20	6.9	220	1.9	782	2.4	1,022	2.3
SUBTOTAL	53	18.3	1,108	9.4	3,530	10.7	4,691	10.4
UNLICENSED	3	1.0	98	0.8	119	0.4	220	0.5
UNKNOWN	2	-	152	-	1,154	-	1,308	-
<b>TOTAL</b>	292	100.0	11,897	100.0	34,150	100.0	46,339	100.0

**TABLE 3.4.16**

**OLDER DRIVERS IN 2008 MISSOURI CRASHES**

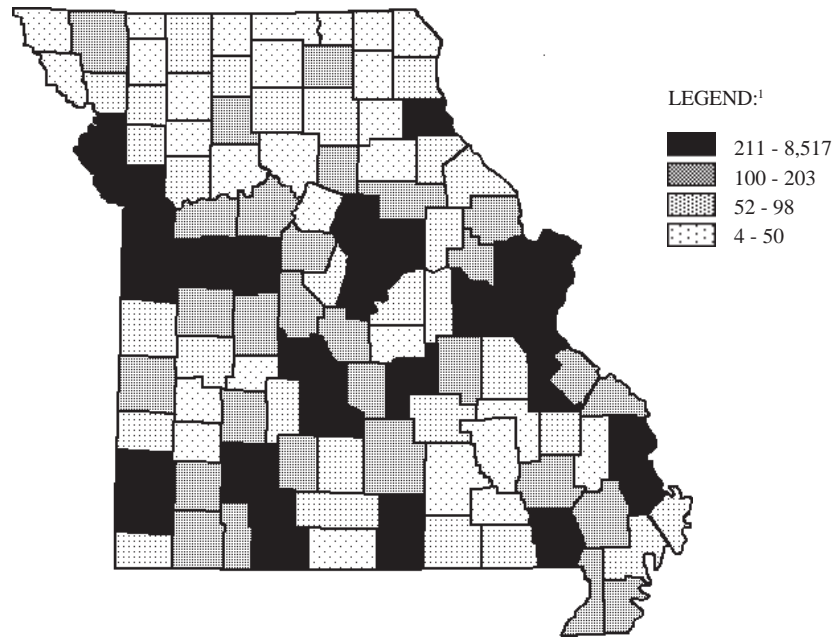
**TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
AUTOMOBILE	128	43.8	6,404	53.9	18,303	53.6	24,835	53.6
SPORT UTILITY VEHICLE	24	8.2	1,590	13.4	4,595	13.5	6,209	13.4
LIMOUSINE	0	0.0	3	0.0	10	0.0	13	0.0
VAN	24	8.2	1,044	8.8	2,919	8.6	3,987	8.6
BUS	4	1.4	63	0.5	320	0.9	387	0.8
SCHOOL BUS	0	0.0	31	0.3	236	0.7	267	0.6
MOTORCYCLE	24	8.2	343	2.9	59	0.2	426	0.9
ALL TERRAIN VEHICLE	3	1.0	10	0.1	4	0.0	17	0.0
MOPED	1	0.3	17	0.1	1	0.0	19	0.0
MOTOR HOME / CAMPER	0	0.0	10	0.1	45	0.1	55	0.1
FARM EQUIPMENT	2	0.7	19	0.2	36	0.1	57	0.1
CONSTRUCTION EQUIPMENT	0	0.0	4	0.0	15	0.0	19	0.0
OTHER TRANSPORT DEVICE	2	0.7	11	0.1	42	0.1	55	0.1
PICKUP TRUCK	57	19.5	1,909	16.1	5,888	17.3	7,854	17.0
OTHER TRUCKS	23	7.9	432	3.6	1,653	4.8	2,108	4.6
UNKNOWN	0	-	7	-	24	-	31	-
<b>TOTAL</b>	<b>292</b>	<b>100.0</b>	<b>11,897</b>	<b>100.0</b>	<b>34,150</b>	<b>100.0</b>	<b>46,339</b>	<b>100.0</b>

**TABLE 3.4.17**

## 2008 OLDER DRIVER INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	8,517	20.4	23.0	LACLEDE	295	0.7
2.0	JACKSON	5,516	13.2	24.0	CHRISTIAN	288	0.7
3.0	ST. LOUIS CITY	3,021	7.3	25.0	HOWELL	283	0.7
4.0	GREENE	2,415	5.8	26.0	SCOTT	264	0.6
5.0	ST. CHARLES	2,024	4.9	27.0	MARION	243	0.6
6.0	CLAY	1,349	3.2	28.0	CALLAWAY	232	0.6
7.0	JEFFERSON	1,213	2.9	29.0	JOHNSON	211	0.5
8.0	JASPER	937	2.2	First Quartile			
9.0	BOONE	877	2.1	Second Quartile			
10.0	CAPE GIRARDEAU	813	2.0	30.0	LAFAYETTE	203	0.5
11.0	FRANKLIN	735	1.8	31.0	DUNKLIN	195	0.5
12.0	BUCHANAN	710	1.7	32.0	RANDOLPH	192	0.5
13.0	PLATTE	593	1.4	33.0	STONE	189	0.5
14.0	TANEY	562	1.3	34.5	PULASKI	186	0.4
15.0	CASS	499	1.2	34.5	SALINE	186	0.4
16.0	COLE	485	1.2	36.0	LINCOLN	185	0.4
17.0	BUTLER	427	1.0	37.5	BARRY	178	0.4
18.0	CAMDEN	383	0.9	37.5	LAWRENCE	178	0.4
19.5	PHELPS	382	0.9	39.0	AUDRAIN	171	0.4
19.5	ST. FRANCOIS	382	0.9	40.0	WARREN	166	0.4
21.0	NEWTON	379	0.9	41.0	WEBSTER	165	0.4
22.0	PETTIS	351	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.5	HENRY	157	0.4	79.0	BARTON	64	0.2
42.5	STODDARD	157	0.4	80.5	HARRISON	63	0.2
44.0	POLK	154	0.4	80.5	OREGON	63	0.2
45.0	CRAWFORD	149	0.4	82.0	ST. CLAIR	61	0.1
46.0	MILLER	138	0.3	83.0	DE KALB	60	0.1
47.0	COOPER	131	0.3	84.5	LEWIS	55	0.1
48.0	MORGAN	130	0.3	84.5	RALLS	55	0.1
49.0	PEMISCOT	128	0.3	86.5	DOUGLAS	52	0.1
50.0	LIVINGSTON	127	0.3	86.5	OSAGE	52	0.1
51.0	ADAIR	124	0.3	Third Quartile			
52.0	NODAWAY	116	0.3	Fourth Quartile			
53.0	VERNON	115	0.3				
54.0	PERRY	112	0.3	88.0	CEDAR	50	0.1
55.0	TEXAS	109	0.3	89.5	BOLLINGER	44	0.1
56.0	BENTON	101	0.2	89.5	CARROLL	44	0.1
57.5	STE. GENEVIEVE	100	0.2	91.0	CLARK	42	0.1
57.5	WAYNE	100	0.2	92.0	IRON	39	0.1
Second Quartile				93.5	DAVISS	38	0.1
				93.5	OZARK	38	0.1
				95.0	MONROE	37	0.1
				96.0	MARIES	34	0.1
				97.0	SHANNON	33	0.1
				98.0	CALDWELL	32	0.1
				99.5	ATCHISON	30	0.1
				99.5	REYNOLDS	30	0.1
				101.0	SHELBY	29	0.1
				103.5	CARTER	28	0.1
				103.5	CHARITON	28	0.1
				103.5	GENTRY	28	0.1
				103.5	HICKORY	28	0.1
				106.0	HOWARD	26	0.1
				107.0	PUTNAM	25	0.1
				108.0	SULLIVAN	24	0.1
				109.0	SCOTLAND	23	0.1
				110.0	HOLT	22	0.1
				111.0	DADE	20	0.0
				112.0	MERCER	17	0.0
				113.0	SCHUYLER	13	0.0
				114.0	KNOX	8	0.0
				115.0	WORTH	4	0.0

## 2008 OLDER DRIVER INVOLVED CRASHES

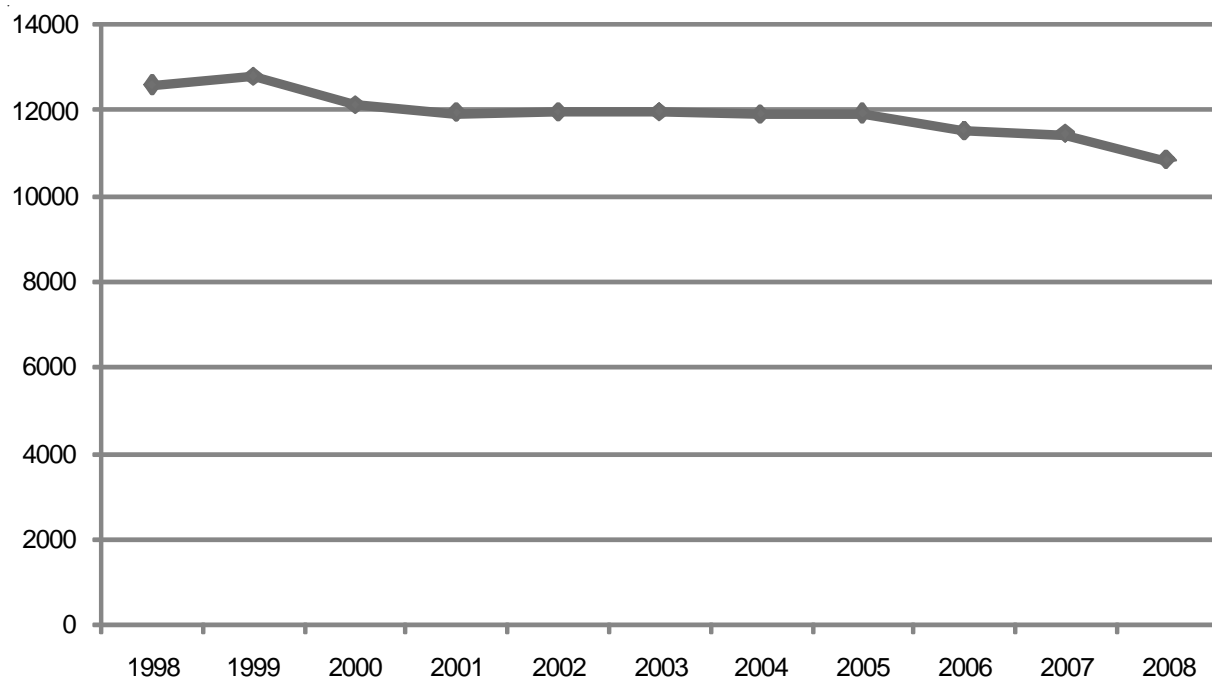
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	3,975	12.6
2.0	ST. LOUIS	3,022	9.6
3.0	SPRINGFIELD	2,041	6.5
4.0	INDEPENDENCE	1,005	3.2
5.0	COLUMBIA	693	2.2
6.0	JOPLIN	689	2.2
7.0	ST. JOSEPH	640	2.0
8.0	CAPE GIRARDEAU	583	1.8
9.0	LEE'S SUMMIT	563	1.8
10.0	FLORISSANT	545	1.7
11.0	CREVE COEUR	537	1.7
12.0	ST. CHARLES	492	1.6
13.0	ST. PETERS	460	1.5
14.0	JEFFERSON CITY	419	1.3
15.0	KIRKWOOD	400	1.3
16.0	CHESTERFIELD	364	1.2
17.0	BRANSON	342	1.1
18.0	O'FALLON	336	1.1
19.0	MARYLAND HEIGHTS	325	1.0
20.0	POPLAR BLUFF	311	1.0
21.0	BLUE SPRINGS	301	1.0
22.0	BRIDGETON	274	0.9
23.0	SEDALIA	262	0.8
24.0	TOWN AND COUNTRY	242	0.8
25.0	ARNOLD	241	0.8
26.0	HAZELWOOD	232	0.7
27.0	LIBERTY	231	0.7
28.0	ROLLA	217	0.7
29.0	SUNSET HILLS	216	0.7
30.0	BELTON	210	0.7
31.0	CLAYTON	197	0.6
32.0	OVERLAND	189	0.6
33.0	RICHMOND HEIGHTS	181	0.6
34.0	LEBANON	177	0.6
35.0	LADUE	176	0.6
36.0	RAYTOWN	172	0.5
37.0	SIKESTON	170	0.5
38.0	UNIVERSITY CITY	169	0.5
39.5	DES PERES	166	0.5
39.5	GLADSTONE	166	0.5
41.0	FARMINGTON	164	0.5
42.0	HANNIBAL	160	0.5
43.0	WEBSTER GROVES	158	0.5
44.0	WEST PLAINS	156	0.5
45.0	FESTUS	154	0.5
46.0	FENTON	148	0.5
47.0	NORTH KANSAS CITY	146	0.5
48.5	MOBERLY	142	0.5
48.5	WASHINGTON	142	0.5

<sup>1</sup>Percentage is based on young driver involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.4.19**

**MISSOURI FATAL AND PERSONAL INJURY OLDER DRIVER INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.4.1**

### 3.5 COMMERCIAL MOTOR VEHICLE INVOLVEMENT

***This section presents a series of data displays which identify commercial motor vehicle involvement in Missouri's traffic crash activity. Commercial motor vehicle traffic crashes are defined as any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having a Gross Vehicle Weight Rating of 10,001 pounds or more, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards. This is a change to the definition used in previous editions of the Compendium. Comparisons to previous years may not be appropriate. Data displays also are provided which describe characteristics of the commercial motor vehicle drivers in these traffic crashes.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 9.6% involved a commercial motor vehicle. Of all fatal traffic crashes, 13.9% involved a commercial motor vehicle. A total of 136 persons were killed and 4,104 were injured in commercial motor vehicle crashes.
- There was a decrease of 11.8% in the rate of change when comparing all 2008 commercial motor vehicle related traffic crash activity with that in 2007. There was a decrease of 20.9% when comparing 2008 fatal commercial motor vehicle traffic crashes with 2007.
- In 2008, one person was killed or injured in a commercial motor vehicle related crash every 2.1 hours in the State of Missouri.
- Of all 2008 commercial motor vehicle crashes, the first harmful event in 69.7% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 14.4% of the cases, it involved a motor vehicle striking a fixed object.
- Of all 2008 commercial motor vehicle involved crashes, 58.3% occurred in an urban area of the State and 41.7% occurred in a rural area. However, in those cases where commercial motor vehicles were involved in fatal crashes 81.2% occurred in rural area.
- Of all commercial motor vehicles in 2008 traffic crashes, 38.0% were non-placarded truck-tractors with one unit, 28.4% were non-placarded single unit trucks, and 4.5% were non-placarded school buses.
- Of all commercial motor vehicle drivers in 2008 traffic crashes, 89.7% were male and 10.3% were female. The average age of commercial motor vehicle drivers was 43.7 years.
- Of all commercial motor vehicle drivers in these crashes, 70.3% had a Missouri driver's license, 29.1% had an out-of-state driver's license, and 0.5% were unlicensed at the time of the traffic crash.

**2008 MISSOURI TRAFFIC CRASHES**  
**COMMERCIAL MOTOR VEHICLE INVOLVEMENT**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>	<b>TOTAL NUMBER<sup>1</sup></b>	<b>COMM. MOTOR VEH. DRIVERS/PASSENGERS<sup>2</sup></b>
	<b>KILLED</b>		<b>INJURED</b>		<b>DAMAGE</b>				<b>KILLED</b>	<b>INJURED</b>
COMMERCIAL MOTOR VEHICLE INVOLVED	117	13.9	2,719	7.2	11,776	10.4	14,612	9.6	136	4,104
NO COMMERCIAL MOTOR VEHICLE INVOLVED	725	86.1	35,157	92.8	101,192	89.6	137,074	90.4	821	50,840
UNKNOWN <sup>3</sup>	3	-	164	-	3,996	-	4,163	-	3	205
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>
									<b>24</b>	<b>1,449</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more commercial motor vehicles were involved.

<sup>2</sup>This statistic indicates the number of commercial motor vehicle drivers and passengers killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a commercial motor vehicle and the body type of one or more vehicles involved in the crash was not known.

**TABLE 3.5.1**

### 2007 and 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	148	117	-20.9
PERSONAL INJURY	3,233	2,719	-15.9
PROPERTY DAMAGE	13,182	11,776	-10.7
TOTAL	16,563	14,612	-11.8

**TABLE 3.5.2**

### 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	11	0.4	182	1.6	193	1.3
BICYCLIST	1	0.9	5	0.2	2	0.0	8	0.1
FIXED OBJECT	11	9.4	331	12.2	1,763	15.0	2,105	14.4
OTHER OBJECT	0	0.0	19	0.7	152	1.3	171	1.2
PEDESTRIAN	3	2.6	24	0.9	3	0.0	30	0.2
TRAIN	0	0.0	1	0.0	7	0.1	8	0.1
VEHICLE IN TRANSPORT	92	78.6	2,061	75.8	8,030	68.2	10,183	69.7
VEHICLE ON OTHER ROADWAY	4	3.4	16	0.6	25	0.2	45	0.3
PARKED VEHICLE	1	0.9	66	2.4	1,162	9.9	1,229	8.4
NONCOLLISION OVERTURN	5	4.3	158	5.8	238	2.0	401	2.7
NONCOLLISION OTHER	0	0.0	27	1.0	212	1.8	239	1.6
<b>TOTAL</b>	117	100.0	2,719	100.0	11,776	100.0	14,612	100.0

**TABLE 3.5.3**

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	22	18.8	1,449	53.3	7,048	59.9	8,519	58.3
RURAL	95	81.2	1,270	46.7	4,728	40.2	6,093	41.7
<b>TOTAL</b>	117	100.0	2,719	100.0	11,776	100.0	14,612	100.0

**TABLE 3.5.4**

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	88	75.2	2,289	84.5	9,937	86.3	12,314	85.8
CURVE	29	24.8	421	15.5	1,582	13.7	2,032	14.2
UNKNOWN	0	-	9	-	257	-	266	-
<b>TOTAL</b>	117	100.0	2,719	100.0	11,776	100.0	14,612	100.0

**TABLE 3.5.5**

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	47	40.2	1,729	64.1	8,096	70.7	9,872	69.2
HILL	66	56.4	897	33.3	3,142	27.4	4,105	28.8
CREST	4	3.4	71	2.6	219	1.9	294	2.1
UNKNOWN	0	-	22	-	319	-	341	-
<b>TOTAL</b>	117	100.0	2,719	100.0	11,776	100.0	14,612	100.0

**TABLE 3.5.6**

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	85	72.7	2,015	74.5	8,876	75.9	10,976	75.6
WET	28	23.9	496	18.3	1,911	16.4	2,435	16.8
SNOW	2	1.7	100	3.7	482	4.1	584	4.0
ICE	2	1.7	85	3.1	363	3.1	450	3.1
SLUSH	0	0.0	8	0.3	48	0.4	56	0.4
MUD	0	0.0	0	0.0	5	0.0	5	0.0
STANDING WATER	0	0.0	0	0.0	3	0.0	3	0.0
MOVING WATER	0	0.0	1	0.0	1	0.0	2	0.0
UNKNOWN	0	-	14	-	87	-	101	-
<b>TOTAL</b>	117	100.0	2,719	100.0	11,776	100.0	14,612	100.0

**TABLE 3.5.7**

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	26	22.2	755	27.8	2,705	23.0	3,486	23.9
U.S. HIGHWAY	40	34.2	422	15.5	1,290	11.0	1,752	12.0
STATE NUMBERED	22	18.8	457	16.8	1,496	12.7	1,975	13.5
SINGLE STATE LETTERED	9	7.7	159	5.9	507	4.3	675	4.6
DOUBLE STATE LETTERED	5	4.3	80	2.9	206	1.8	291	2.0
OUTER ROAD	1	0.9	14	0.5	73	0.6	88	0.6
COUNTY ROAD	4	3.4	105	3.9	619	5.3	728	5.0
CITY STREET	9	7.7	676	24.9	4,478	38.0	5,163	35.3
INTERSTATE LOOP	0	0.0	7	0.3	34	0.3	41	0.3
OTHER <sup>1</sup>	1	0.9	44	1.6	368	3.1	413	2.8
<b>TOTAL</b>	117	100.0	2,719	100.0	11,776	100.0	14,612	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.5.8**

**2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES**  
**HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY**

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	7	31.8	410	28.3	1,347	19.1	1,764	20.7	19	20.0	345	27.2	1,358	28.7	1,722	28.3
U.S. HIGHWAY	0	0.0	146	10.1	505	7.2	651	7.6	40	42.1	276	21.7	785	16.6	1,101	18.1
STATE NUMBERED	2	9.1	175	12.1	661	9.4	838	9.8	20	21.1	282	22.2	835	17.7	1,137	18.7
SINGLE STATE LETTERED	1	4.6	24	1.7	123	1.8	148	1.7	8	8.4	135	10.6	384	8.1	527	8.7
DOUBLE STATE LETTERED	1	4.6	21	1.5	61	0.9	83	1.0	4	4.2	59	4.7	145	3.1	208	3.4
OUTER ROAD	1	4.6	5	0.4	36	0.5	42	0.5	0	0.0	9	0.7	37	0.8	46	0.8
COUNTY ROAD	0	0.0	7	0.5	55	0.8	62	0.7	4	4.2	98	7.7	564	11.9	666	10.9
CITY STREET	9	40.9	626	43.2	3,997	56.7	4,632	54.4	0	0.0	50	3.9	481	10.2	531	8.7
INTERSTATE LOOP	0	0.0	4	0.3	29	0.4	33	0.4	0	0.0	3	0.2	5	0.1	8	0.1
OTHER <sup>1</sup>	1	4.6	31	2.1	234	3.3	266	3.1	0	0.0	13	1.0	134	2.8	147	2.4
TOTAL	22	100.0	1,449	100.0	7,048	100.0	8,519	100.0	95	100.0	1,270	100.0	4,728	100.0	6,093	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.5.9**

**2008 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	1,323	9.1
FEBRUARY	1,392	9.5
MARCH	1,143	7.8
APRIL	1,200	8.2
MAY	1,186	8.1
JUNE	1,195	8.2
JULY	1,158	7.9
AUGUST	1,124	7.7
SEPTEMBER	1,244	8.5
OCTOBER	1,312	9.0
NOVEMBER	1,033	7.1
DECEMBER	1,302	8.9
<b>TOTAL</b>	14,612	100.0

**TABLE 3.5.10**

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**2008 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	740	5.1
MONDAY	2,458	16.8
TUESDAY	2,773	19.0
WEDNESDAY	2,578	17.7
THURSDAY	2,603	17.8
FRIDAY	2,429	16.6
SATURDAY	1,023	7.0
<b>TOTAL</b>	14,604	100.0

Unknown Data Not Included

**TABLE 3.5.11**

## 2008 MISSOURI COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	149	1.0
01:00A - 01:59A	153	1.1
02:00A - 02:59A	134	0.9
03:00A - 03:59A	128	0.9
04:00A - 04:59A	140	1.0
05:00A - 05:59A	225	1.6
06:00A - 06:59A	505	3.5
07:00A - 07:59A	892	6.1
08:00A - 08:59A	1,050	7.2
09:00A - 09:59A	950	6.5
10:00A - 10:59A	992	6.8
11:00A - 11:59A	1,038	7.1
NOON - 12:59P	1,065	7.3
01:00P - 01:59P	1,073	7.4
02:00P - 02:59P	1,046	7.2
03:00P - 03:59P	1,239	8.5
04:00P - 04:59P	1,042	7.2
05:00P - 05:59P	772	5.3
06:00P - 06:59P	536	3.7
07:00P - 07:59P	384	2.6
08:00P - 08:59P	321	2.2
09:00P - 09:59P	283	1.9
10:00P - 10:59P	222	1.5
11:00P - MIDNIGHT	214	1.5
<b>TOTAL</b>	14,553	100.0

Unknown Data Not Included

**TABLE 3.5.12**

## 2008 MISSOURI COMMERCIAL MOTOR VEHICLE CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL COMMERCIAL MOTOR VEHICLE CRASHES = 117				TOTAL COMMERCIAL MOTOR VEHICLE CRASHES = 14,612		
	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	COMM. M. V. DRIVER/ VEHICLE	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	2.6	0.9	3.4	5.0	1.0	6.1
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	1.7	0.9	2.6	0.5	0.4	0.8
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	8.5	23.1	30.8	6.7	7.2	13.5
IMPROPER PASSING	1.7	0.0	1.7	1.1	1.9	3.0
VIOLATION OF STOP SIGN	0.9	3.4	4.3	1.0	1.5	2.4
WRONG SIDE NOT PASSING	1.7	18.8	20.5	0.9	1.1	2.0
FOLLOWING TOO CLOSE	3.4	5.1	7.7	5.3	4.4	9.6
IMPROPER SIGNAL	0.0	0.0	0.0	0.2	0.1	0.3
IMPROPER BACKING	0.0	0.0	0.0	3.9	0.6	4.5
IMPROPER TURN	0.0	1.7	1.7	5.2	1.2	6.4
IMPROPER LANE USAGE / CHANGE	6.0	10.3	16.2	9.8	6.8	16.1
WRONG WAY ONE-WAY STREET	0.0	1.7	1.7	0.0	0.1	0.1
IMPROPER START FROM PARK	0.0	0.0	0.0	0.1	0.1	0.2
IMPROPERLY PARKED	0.9	0.9	1.7	0.5	0.5	1.0
FAILED TO YIELD	1.7	20.5	22.2	5.0	6.4	11.2
DRINKING	1.7	4.3	6.0	0.6	1.2	1.7
DRUGS	0.0	0.9	0.9	0.0	0.3	0.3
PHYSICAL IMPAIRMENT	2.6	3.4	6.0	0.9	0.7	1.5
INATTENTION	12.8	19.7	32.5	19.4	10.7	28.9

<sup>1</sup>This table identifies the percentage of commercial motor vehicle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the commercial motor vehicle driver or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri fatal commercial motor vehicle crashes, it was found that a commercial motor vehicle driver was speeding in 8.5% of the crashes. In 23.1% of the crashes another driver was speeding. In 30.8% of the crashes either a commercial motor vehicle driver, another driver, or both drivers were speeding.

**TABLE 3.5.13**

# COMMERCIAL MOTOR VEHICLES IN 2008 MISSOURI CRASHES

## TYPE OF COMMERCIAL MOTOR VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>PLACARDED</b>								
AUTOMOBILE	0	0.0	0	0.0	0	0.0	0	0.0
SPORT UTILITY VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	1	0.0	1	0.0
PICKUP TRUCK	0	0.0	1	0.0	3	0.0	4	0.0
SINGLE UNIT TRUCK	0	0.0	10	0.3	18	0.1	28	0.2
TRUCK-TRACTOR - NO UNIT	0	0.0	1	0.0	0	0.0	1	0.0
TRUCK-TRACTOR - 1 UNIT	3	2.3	14	0.5	47	0.4	64	0.4
TRUCK-TRACTOR - 2 UNITS	1	0.8	3	0.1	2	0.0	6	0.0
<b>NON-PLACARDED TRUCKS HAVING A GCVWR OF 10,001 POUNDS OR MORE</b>								
PICKUP TRUCK	10	7.8	435	15.1	1,669	13.3	2,114	13.6
SINGLE UNIT TRUCK	34	26.4	870	30.1	3,524	28.1	4,428	28.4
TRUCK-TRACTOR - NO UNITS	3	2.3	50	1.7	221	1.8	274	1.8
TRUCK-TRACTOR - 1 UNIT	70	54.3	1,060	36.7	4,780	38.1	5,910	38.0
TRUCK-TRACTOR - 2 UNITS	3	2.3	50	1.7	143	1.1	196	1.3
TRUCK-TRACTOR - 3 UNITS	0	0.0	1	0.0	7	0.1	8	0.1
OTHER HEAVY TRUCKS	1	0.8	114	3.9	756	6.0	871	5.6
<b>NON-PLACARDED BUS - 16 OR MORE SEATING CAPACITY</b>								
BUS	4	3.1	181	6.3	785	6.3	970	6.2
SCHOOL BUS	0	0.0	101	3.5	595	4.7	696	4.5
<b>TOTAL</b>	<b>129</b>	<b>100.0</b>	<b>2,891</b>	<b>100.0</b>	<b>12,551</b>	<b>100.0</b>	<b>15,571</b>	<b>100.0</b>

TABLE 3.5.14

## COMMERCIAL MOTOR VEHICLES IN 2008 MISSOURI CRASHES

### DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	4	3.1	76	2.6	470	3.7	550	3.5
KNOWN DRIVER INVOLVED	123	95.4	2,736	94.6	11,226	89.4	14,085	90.5
UNKNOWN DRIVER INVOLVED	2	1.6	79	2.7	855	6.8	936	6.0
<b>TOTAL</b>	129	100.0	2,891	100.0	12,551	100.0	15,571	100.0

TABLE 3.5.15

## DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2008 MISSOURI CRASHES

### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	120	97.6	2,441	89.2	9,988	89.8	12,549	89.7
FEMALE	3	2.4	295	10.8	1,138	10.2	1,436	10.3
UNKNOWN	2	-	79	-	955	-	1,036	-
<b>TOTAL</b>	125	100.0	2,815	100.0	12,081	100.0	15,021	100.0

TABLE 3.5.16

# DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2008 MISSOURI CRASHES

## AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	44.6	-	43.9	-	43.6	-	43.7	-
14 YEARS AND UNDER	0	0.0	0	0.0	1	0.0	1	0.0
15 - 20 YEARS	1	0.8	62	2.3	237	2.1	300	2.2
21 - 25 YEARS	10	8.1	173	6.4	778	7.0	961	6.9
26 - 30 YEARS	8	6.5	220	8.1	1,026	9.2	1,254	9.0
31 - 35 YEARS	9	7.3	298	11.0	1,220	11.0	1,527	10.9
36 - 40 YEARS	18	14.6	357	13.1	1,393	12.5	1,768	12.7
41 - 45 YEARS	20	16.3	371	13.6	1,447	13.0	1,838	13.2
46 - 50 YEARS	15	12.2	392	14.4	1,576	14.2	1,983	14.2
51 - 55 YEARS	16	13.0	328	12.1	1,306	11.7	1,650	11.8
56 - 60 YEARS	17	13.8	238	8.7	960	8.6	1,215	8.7
61 - 65 YEARS	4	3.3	140	5.1	648	5.8	792	5.7
66 YEARS AND OVER	5	4.1	143	5.3	528	4.8	676	4.8
UNKNOWN	2	-	93	-	961	-	1,056	-
<b>TOTAL</b>	125	100.0	2,815	100.0	12,081	100.0	15,021	100.0

**TABLE 3.5.17**

## DRIVERS OF COMMERCIAL MOTOR VEHICLES IN 2008 MISSOURI CRASHES

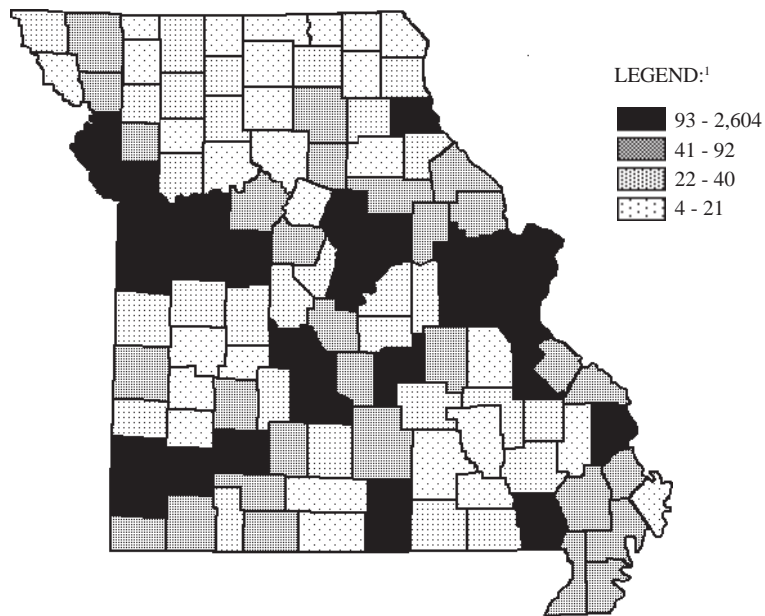
### DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>MISSOURI</b>								
LEARNER'S PERMIT	0	0.0	1	0.0	11	0.1	12	0.1
OPERATOR'S LICENSE	23	18.9	695	25.9	2,719	25.2	3,437	25.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	48	39.3	1,221	45.5	4,846	44.9	6,115	45.0
SUBTOTAL	71	58.2	1,917	71.5	7,576	70.2	9,564	70.3
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	0	0.0	2	0.0	2	0.0
OPERATOR'S LICENSE	1	0.8	109	4.1	477	4.4	587	4.3
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	49	40.2	642	24.0	2,683	24.9	3,374	24.8
SUBTOTAL	50	41.0	751	28.0	3,162	29.3	3,963	29.1
UNLICENSED	1	0.8	13	0.5	56	0.5	70	0.5
UNKNOWN	3	-	134	-	1,287	-	1,424	-
<b>TOTAL</b>	125	100.0	2,815	100.0	12,081	100.0	15,021	100.0

**TABLE 3.5.18**

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	2,604	17.8	23.0	MARION	114	0.8
2.0	ST. LOUIS CITY	1,771	12.1	24.0	ST. FRANCOIS	113	0.8
3.0	JACKSON	1,699	11.6	25.0	HOWELL	104	0.7
4.0	ST. CHARLES	662	4.5	26.0	WARREN	99	0.7
5.0	GREENE	527	3.6	27.0	JOHNSON	96	0.7
6.0	CLAY	478	3.3	28.0	LAWRENCE	95	0.7
7.0	JEFFERSON	402	2.8	29.0	BUTLER	93	0.6
8.0	FRANKLIN	322	2.2	First Quartile			
9.0	BOONE	290	2.0	Second Quartile			
10.0	JASPER	242	1.7	30.0	LINCOLN	92	0.6
11.0	PLATTE	240	1.6	31.0	WEBSTER	90	0.6
12.0	BUCHANAN	209	1.4	32.0	PULASKI	89	0.6
13.0	CAPE GIRARDEAU	192	1.3	33.0	CRAWFORD	86	0.6
14.0	PHELPS	184	1.3	34.0	SALINE	83	0.6
15.0	CASS	144	1.0	35.5	CHRISTIAN	78	0.5
16.5	COLE	142	1.0	35.5	SCOTT	78	0.5
16.5	LAFAYETTE	142	1.0	37.0	COOPER	76	0.5
18.0	NEWTON	139	1.0	38.0	PEMISCOT	70	0.5
19.0	LACLEDE	127	0.9	39.0	NEW MADRID	69	0.5
20.0	CAMDEN	122	0.8	40.0	TANEY	68	0.5
21.0	CALLAWAY	121	0.8	41.0	STE. GENEVIEVE	65	0.4
22.0	PETTIS	118	0.8				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.5	PERRY	60	0.4	79.0	IRON	25	0.2
42.5	POLK	60	0.4	79.0	RAY	25	0.2
44.0	RANDOLPH	59	0.4	81.5	ATCHISON	24	0.2
45.0	MONTGOMERY	55	0.4	81.5	BENTON	24	0.2
46.0	VERNON	53	0.4	84.5	DENT	23	0.2
47.0	BARRY	52	0.4	84.5	GASCONADE	23	0.2
48.0	MCDONALD	51	0.3	84.5	RIPLEY	23	0.2
49.5	AUDRAIN	50	0.3	84.5	WRIGHT	23	0.2
49.5	STODDARD	50	0.3	87.0	MARIES	22	0.2
51.0	DUNKLIN	46	0.3	Third Quartile			
52.0	ANDREW	45	0.3	Fourth Quartile			
53.5	MACON	44	0.3	89.0	LINN	21	0.1
53.5	TEXAS	44	0.3	89.0	MISSISSIPPI	21	0.1
55.5	MILLER	43	0.3	89.0	ST. CLAIR	21	0.1
55.5	PIKE	43	0.3	91.0	SULLIVAN	20	0.1
57.0	NODAWAY	42	0.3	92.5	BOLLINGER	19	0.1
58.0	CLINTON	41	0.3	92.5	DOUGLAS	19	0.1
Second Quartile				95.5	CARROLL	18	0.1
Third Quartile				95.5	HOLT	18	0.1
59.0	HENRY	40	0.3	95.5	MONROE	18	0.1
60.0	MORGAN	39	0.3	95.5	SCOTLAND	18	0.1
61.6	ADAIR	38	0.3	98.0	CARTER	17	0.1
61.5	RALLS	38	0.3	99.5	CALDWELL	16	0.1
63.5	LIVINGSTON	35	0.2	99.5	CEDAR	16	0.1
63.5	STONE	35	0.2	101.0	CLARK	14	0.1
65.0	LEWIS	34	0.2	102.0	MERCER	13	0.1
66.0	DE KALB	33	0.2	104.5	CHARITON	12	0.1
67.5	GRUNDY	32	0.2	104.5	PUTNAM	12	0.1
67.5	HARRISON	32	0.2	104.5	SCHUYLER	12	0.1
70.0	BATES	30	0.2	104.5	WASHINGTON	12	0.1
70.0	DALLAS	30	0.2	108.0	OZARK	11	0.1
70.0	OSAGE	30	0.2	108.0	REYNOLDS	11	0.1
72.0	OREGON	29	0.2	108.0	SHANNON	11	0.1
74.0	DAVIESS	27	0.2	110.5	GENTRY	10	0.1
74.0	MADISON	27	0.2	110.5	KNOX	10	0.1
74.0	SHELBY	27	0.2	112.0	HOWARD	9	0.1
76.5	MONITEAU	26	0.2	113.0	HICKORY	6	0.0
76.5	WAYNE	26	0.2	114.0	DADE	5	0.0
79.0	BARTON	25	0.2	115.0	WORTH	4	0.0

TABLE 3.5.19

## 2008 COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES

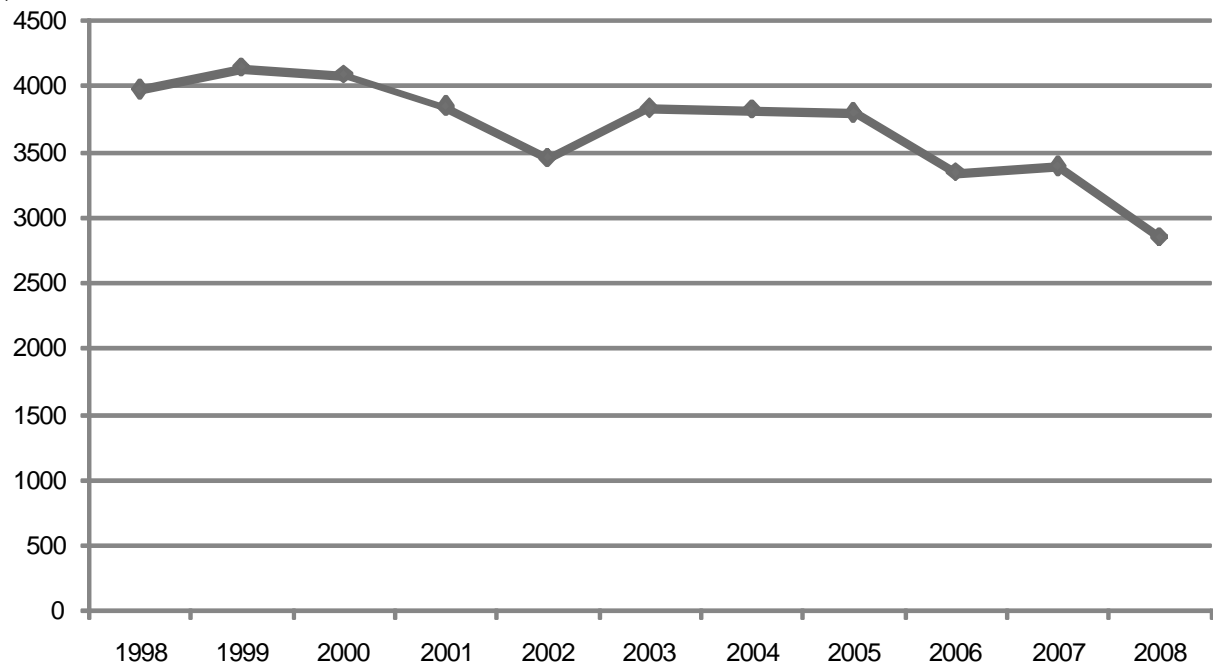
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	ST. LOUIS	1,771	18.3
2.0	KANSAS CITY	1,357	14.0
3.0	SPRINGFIELD	356	3.7
4.0	COLUMBIA	198	2.0
5.0	INDEPENDENCE	182	1.9
6.0	ST. JOSEPH	169	1.7
7.0	LEE'S SUMMIT	168	1.7
8.0	JOPLIN	152	1.6
9.0	ST. CHARLES	132	1.4
10.0	FLORISSANT	128	1.3
11.0	ST. PETERS	125	1.3
12.0	BRIDGETON	120	1.2
13.5	JEFFERSON CITY	112	1.2
13.5	KIRKWOOD	112	1.2
15.0	MARYLAND HEIGHTS	111	1.1
16.0	CAPE GIRARDEAU	107	1.1
17.0	CREVE COEUR	101	1.0
18.0	NORTH KANSAS CITY	98	1.0
19.0	SUNSET HILLS	97	1.0
20.5	O'FALLON	85	0.9
20.5	TOWN AND COUNTRY	85	0.9
22.0	LIBERTY	81	0.8
23.0	CHESTERFIELD	80	0.8
24.0	ROLLA	79	0.8
25.0	SEDALIA	72	0.7
26.5	FENTON	71	0.7
26.5	HANNIBAL	71	0.7
28.0	WENTZVILLE	69	0.7
29.0	OVERLAND	67	0.7
30.0	WEBSTER GROVES	66	0.7
31.0	BLUE SPRINGS	64	0.7
32.0	BERKELEY	63	0.7
33.5	HAZELWOOD	55	0.6
33.5	WASHINGTON	55	0.6
35.0	ARNOLD	54	0.6
36.0	RICHMOND HEIGHTS	53	0.5
37.0	ST. ANN	52	0.5
38.0	UNIVERSITY CITY	46	0.5
39.5	OSAGE BEACH	45	0.5
39.5	POPLAR BLUFF	45	0.5
41.0	EUREKA	44	0.5

<sup>1</sup>Percentage is based on commercial motor vehicle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.5.20**

**MISSOURI FATAL AND PERSONAL INJURY COMMERCIAL MOTOR VEHICLE INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.5.1**

### 3.6 MOTORCYCLE INVOLVEMENT

***This section presents a series of data displays which describe motorcycle involvement in Missouri's traffic crash experience. Motorcycle traffic crashes are defined as any crash in which one or more motorcycles were involved in the incident. Mopeds and all terrain vehicles (ATV's) are not considered motorcycles for the purpose of this analysis. Data displays also are provided in this section which identify characteristics of motorcycle drivers in traffic crashes.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 1.7% involved a motorcycle. Of all fatal traffic crashes, 12.2% involved a motorcycle. A total of 108 persons were killed and 2,284 were injured in motorcycle crashes.
- There was an increase of 7.3% in the rate of change when comparing total 2008 motorcycle traffic crashes with those in 2007. There was an increase of 15.7% when comparing fatal 2008 motorcycle crashes with 2007.
- In 2008, one person was killed or injured in a motorcycle traffic crash every 3.7 hours in the State of Missouri.
- Of all 2008 motorcycle crashes, the first harmful event in 42.6% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 26.1% of the cases, it involved a motor vehicle overturning. In fatal motorcycle traffic crashes, 34.0% of the cases involved a motor vehicle striking a fixed object.
- Of all 2008 motorcycle traffic crashes, 49.6% occurred in urban regions of the State and 50.4% occurred in rural areas. However, in fatal motorcycle crashes, 57.3% occurred in a rural area.
- Of all motorcycle drivers in traffic crashes, 94.4% were male and 5.6% were female. The average age of motorcyclists was 40.0 years.
- Motorcycle drivers were speeding in 46.6% of all fatal motorcycle traffic crashes and their drinking was a causative factor in 17.5% of these crashes.
- Of those motorcyclists in 2008 traffic crashes who wore a helmet, 30.9% were either killed or received a major disabling injury. Of those not wearing helmets, 40.6% were either killed or received a major disabling injury.

## 2008 MISSOURI TRAFFIC CRASHES

### MOTORCYCLE INVOLVEMENT<sup>1</sup>

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER <sup>1</sup> KILLED	INJURED	MOTORCYCLE DRIVERS/PASSENGERS <sup>2</sup>	
											KILLED	INJURED
MOTORCYCLE INVOLVED	103	12.2	1,955	5.2	513	0.5	2,571	1.7	108	2,284	107	2,169
NO MOTORCYCLE INVOLVED	739	87.8	35,924	94.8	112,427	99.6	149,090	98.3	849	52,664	-	-
UNKNOWN <sup>3</sup>	3	-	161	-	4,024	-	4,188	-	3	201	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>107</b>	<b>2,169</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more motorcycles were involved.

<sup>2</sup>This statistic indicates the number of motorcycle drivers and passengers killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a motorcycle and the body type of one or more vehicles involved in the crash was not known.

**TABLE 3.6.1**

### 2007 and 2008 MOTORCYCLE INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	89	103	+15.7
PERSONAL INJURY	1,857	1,955	+ 5.3
PROPERTY DAMAGE	450	513	+14.0
TOTAL	2,396	2,571	+ 7.3

**TABLE 3.6.2**

### 2008 MOTORCYCLE INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	2	1.9	112	5.7	15	2.9	129	5.0
BICYCLIST	0	0.0	0	0.0	0	0.0	0	0.0
FIXED OBJECT	35	34.0	389	19.9	48	9.4	472	18.4
OTHER OBJECT	0	0.0	18	0.9	4	0.8	22	0.9
PEDESTRIAN	0	0.0	7	0.4	0	0.0	7	0.3
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	45	43.7	759	38.8	291	56.7	1,095	42.6
VEHICLE ON OTHER ROADWAY	0	0.0	2	0.1	0	0.0	2	0.1
PARKED VEHICLE	1	1.0	22	1.1	43	8.4	66	2.6
NONCOLLISION OVERTURN	16	15.5	560	28.6	96	18.7	672	26.1
NONCOLLISION OTHER	4	3.9	86	4.4	16	3.1	106	4.1
<b>TOTAL</b>	103	100.0	1,955	100.0	513	100.0	2,571	100.0

**TABLE 3.6.3**

## 2008 MOTORCYCLE INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	44	42.7	911	46.6	319	62.2	1,274	49.6
RURAL	59	57.3	1,044	53.4	194	37.8	1,297	50.4
<b>TOTAL</b>	103	100.0	1,955	100.0	513	100.0	2,571	100.0

**TABLE 3.6.4**

## 2008 MOTORCYCLE INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	61	59.2	1,301	66.9	394	78.8	1,756	68.9
CURVE	42	40.8	643	33.1	106	21.2	791	31.1
UNKNOWN	0	-	11	-	13	-	24	-
<b>TOTAL</b>	103	100.0	1,955	100.0	513	100.0	2,571	100.0

**TABLE 3.6.5**

## 2008 MOTORCYCLE INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	42	40.8	1,134	58.5	364	73.0	1,540	60.6
HILL	57	55.3	740	38.2	125	25.1	922	36.3
CREST	4	3.9	64	3.3	10	2.0	78	3.1
UNKNOWN	0	-	17	-	14	-	31	-
<b>TOTAL</b>	103	100.0	1,955	100.0	513	100.0	2,571	100.0

**TABLE 3.6.6**

## 2008 MOTORCYCLE INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	99	97.1	1,841	95.2	471	93.3	2,411	94.9
WET	3	2.9	91	4.7	32	6.3	126	5.0
SNOW	0	0.0	0	0.0	1	0.2	1	0.0
ICE	0	0.0	1	0.1	0	0.0	1	0.0
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	1	0.1	0	0.0	1	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	1	0.2	1	0.0
UNKNOWN	1	-	21	-	8	-	30	-
<b>TOTAL</b>	103	100.0	1,955	100.0	513	100.0	2,571	100.0

**TABLE 3.6.7**

## 2008 MOTORCYCLE INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	7	6.8	148	7.6	41	8.0	196	7.6
U.S. HIGHWAY	12	11.7	184	9.4	54	10.5	250	9.7
STATE NUMBERED	19	18.5	410	21.0	84	16.4	513	20.0
SINGLE STATE LETTERED	15	14.6	223	11.4	37	7.2	275	10.7
DOUBLE STATE LETTERED	8	7.8	107	5.5	12	2.3	127	4.9
OUTER ROAD	0	0.0	17	0.9	4	0.8	21	0.8
COUNTY ROAD	12	11.7	212	10.8	39	7.6	263	10.2
CITY STREET	29	28.2	607	31.1	221	43.1	857	33.3
INTERSTATE LOOP	0	0.0	13	0.7	5	1.0	18	0.7
OTHER <sup>1</sup>	1	1.0	34	1.7	16	3.1	51	2.0
<b>TOTAL</b>	103	100.0	1,955	100.0	513	100.0	2,571	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.6.8**

**2007 MOTORCYCLE INVOLVED CRASHES**  
**HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY**

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	3	6.8	100	11.0	26	8.2	129	10.1	4	6.8	48	4.6	15	7.7	67	5.2
U.S. HIGHWAY	6	13.6	61	6.7	26	8.2	93	7.3	6	10.2	123	11.8	28	14.4	157	12.1
STATE NUMBERED	2	4.6	107	11.8	29	9.1	138	10.8	17	28.8	303	29.0	55	28.4	375	28.9
SINGLE STATE LETTERED	1	2.3	20	2.2	7	2.2	28	2.2	14	23.7	203	19.4	30	15.5	247	19.0
DOUBLE STATE LETTERED	2	4.6	18	2.0	3	0.9	23	1.8	6	10.2	89	8.5	9	4.6	104	8.0
OUTER ROAD	0	0.0	10	1.1	3	0.9	13	1.0	0	0.0	7	0.7	1	0.5	8	0.6
COUNTY ROAD	2	4.6	18	2.0	7	2.2	27	2.1	10	17.0	194	18.6	32	16.5	236	18.2
CITY STREET	28	63.6	542	59.5	203	63.6	773	60.7	1	1.7	65	6.2	18	9.3	84	6.5
INTERSTATE LOOP	0	0.0	10	1.1	4	1.3	14	1.1	0	0.0	3	0.3	1	0.5	4	0.3
OTHER <sup>1</sup>	0	0.0	25	2.7	11	3.5	36	2.8	1	1.7	9	0.9	5	2.6	15	1.2
TOTAL	44	100.0	911	100.0	319	100.0	1,274	100.0	59	100.0	1,044	100.0	194	100.0	1,297	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.6.9**

**2008 MISSOURI MOTORCYCLE INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	54	2.1
FEBRUARY	30	1.2
MARCH	124	4.8
APRIL	194	7.6
MAY	325	12.6
JUNE	339	13.2
JULY	386	15.0
AUGUST	398	15.5
SEPTEMBER	307	11.9
OCTOBER	273	10.6
NOVEMBER	119	4.6
DECEMBER	22	0.9
<b>TOTAL</b>	2,571	100.0

**TABLE 3.6.10****2008 MISSOURI MOTORCYCLE INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	470	18.3
MONDAY	283	11.0
TUESDAY	290	11.3
WEDNESDAY	315	12.3
THURSDAY	304	11.8
FRIDAY	376	14.6
SATURDAY	530	20.6
<b>TOTAL</b>	2,568	100.0

Unknown Data Not Included

**TABLE 3.6.11**

## 2008 MISSOURI MOTORCYCLE INVOLVED CRASHES

### HOUR OF DAY

HOUR	FREQUENCY	PERCENT
12:01A - 12:59A	44	1.7
01:00A - 01:59A	27	1.1
02:00A - 02:59A	19	0.7
03:00A - 03:59A	9	0.4
04:00A - 04:59A	14	0.6
05:00A - 05:59A	25	1.0
06:00A - 06:59A	35	1.4
07:00A - 07:59A	52	2.0
08:00A - 08:59A	56	2.2
09:00A - 09:59A	55	2.2
10:00A - 10:59A	92	3.6
11:00A - 11:59A	129	5.0
NOON - 12:59P	181	7.1
01:00P - 01:59P	169	6.6
02:00P - 02:59P	203	7.9
03:00P - 03:59P	244	9.5
04:00P - 04:59P	249	9.7
05:00P - 05:59P	262	10.2
06:00P - 06:59P	189	7.4
07:00P - 07:59P	156	6.1
08:00P - 08:59P	125	4.9
09:00P - 09:59P	85	3.3
10:00P - 10:59P	78	3.1
11:00P - MIDNIGHT	61	2.4
<b>TOTAL</b>	2,559	100.0

Unknown Data Not Included

**TABLE 3.6.12**

## 2008 MISSOURI MOTORCYCLE CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL MOTORCYCLE CRASHES = 103				TOTAL MOTORCYCLE CRASHES = 2,571		
	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	MOTORCYCLE DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	1.9	0.0	1.9	2.6	0.4	3.1
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	1.0	1.0	0.2	0.2	0.4
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	46.6	0.0	46.6	23.9	0.9	24.7
IMPROPER PASSING	5.8	1.9	6.8	2.1	0.5	2.6
VIOLATION OF STOP SIGN	1.0	1.0	1.9	1.3	1.1	2.3
WRONG SIDE NOT PASSING	5.8	1.9	7.8	1.4	0.7	2.1
FOLLOWING TOO CLOSE	1.0	1.0	1.9	6.9	3.2	10.0
IMPROPER SIGNAL	0.0	0.0	0.0	0.2	0.4	0.5
IMPROPER BACKING	0.0	1.0	1.0	0.1	1.2	1.2
IMPROPER TURN	0.0	1.0	1.0	1.1	1.6	2.7
IMPROPER LANE USAGE / CHANGE	20.4	1.9	22.3	8.1	2.3	10.3
WRONG WAY ONE-WAY STREET	1.0	0.0	1.0	0.1	0.0	0.1
IMPROPER START FROM PARK	1.0	0.0	1.0	0.4	0.1	0.5
IMPROPERLY PARKED	0.0	0.0	0.0	0.1	0.0	0.1
FAILED TO YIELD	2.9	15.5	18.4	2.4	13.4	15.6
DRINKING	17.5	4.9	21.4	5.7	1.2	6.9
DRUGS	1.9	0.0	1.9	0.2	0.3	0.5
PHYSICAL IMPAIRMENT	0.0	1.0	1.0	0.6	0.2	0.7
INATTENTION	14.6	5.8	20.4	16.4	7.9	24.0

<sup>1</sup>This table identifies the percentage of motorcycle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the motorcyclist or his motorcycle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri motorcycle crashes, it was found that a motorcyclist was speeding in 23.9% of the crashes. In 0.9% of the crashes another driver was speeding. In 24.7% of the crashes either a motorcyclist, another driver, or both drivers were speeding.

**TABLE 3.6.13**

### MOTORCYCLES IN 2008 MISSOURI CRASHES

#### DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	5	0.3	34	6.5	39	1.5
KNOWN DRIVER INVOLVED	103	100.0	2,004	99.6	468	89.1	2,575	97.5
UNKNOWN DRIVER INVOLVED	0	0.0	4	0.2	23	4.4	27	1.0
<b>TOTAL</b>	103	100.0	2,013	100.0	525	100.0	2,641	100.0

**TABLE 3.6.14**

### DRIVERS OF MOTORCYCLES IN 2008 MISSOURI CRASHES

#### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	102	99.0	1,880	93.8	443	96.1	2,425	94.4
FEMALE	1	1.0	124	6.2	18	3.9	143	5.6
UNKNOWN	0	-	4	-	30	-	34	-
<b>TOTAL</b>	103	100.0	2,008	100.0	491	100.0	2,602	100.0

**TABLE 3.6.15**

# DRIVERS OF MOTORCYCLES IN 2008 MISSOURI CRASHES

## AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	42.6	-	40.3	-	38.2	-	40.0	-
14 YEARS AND UNDER	0	0.0	4	0.2	3	0.7	7	0.3
15 - 20 YEARS	4	3.9	164	8.2	49	10.7	217	8.5
21 - 25 YEARS	8	7.8	258	12.9	54	11.8	320	12.5
26 - 30 YEARS	11	10.7	201	10.1	51	11.1	263	10.3
31 - 35 YEARS	14	13.6	159	8.0	43	9.4	216	8.4
36 - 40 YEARS	9	8.7	186	9.3	54	11.8	249	9.7
41 - 45 YEARS	12	11.7	242	12.1	56	12.2	310	12.1
46 - 50 YEARS	12	11.7	262	13.1	56	12.2	330	12.9
51 - 55 YEARS	10	9.7	208	10.4	41	8.9	259	10.1
56 - 60 YEARS	13	12.6	147	7.4	28	6.1	188	7.4
61 - 65 YEARS	4	3.9	90	4.5	17	3.7	111	4.3
66 YEARS AND OVER	6	5.8	76	3.8	7	1.5	89	3.5
UNKNOWN	0	-	11	-	32	-	43	-
<b>TOTAL</b>	103	100.0	2,008	100.0	491	100.0	2,602	100.0

**TABLE 3.6.16**

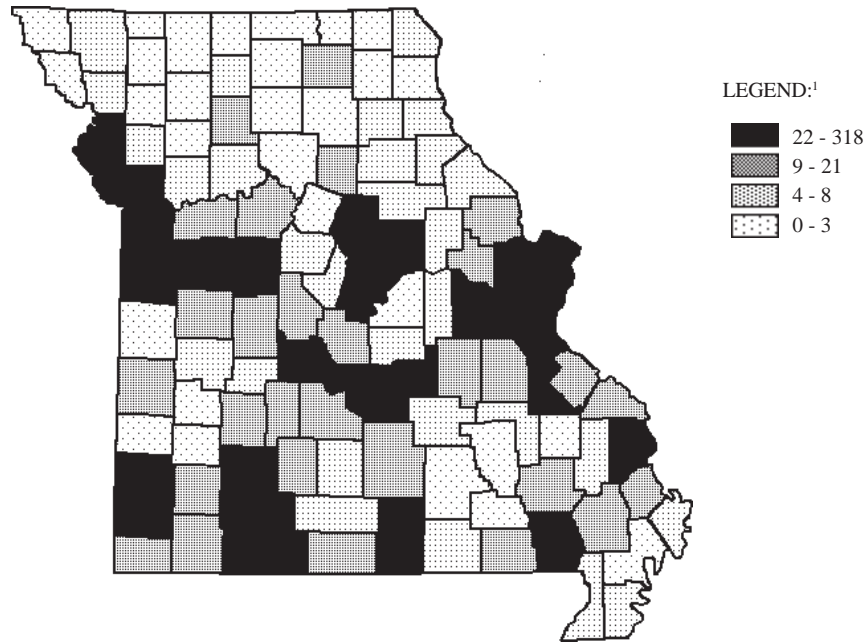
**DRIVERS OF MOTORCYCLES INVOLVED IN 2007 MISSOURI CRASHES**  
**HELMET USAGE BY PERSONAL INJURY SEVERITY**

	KILLED	DISABLING	EVIDENT	PROBABLE	NONE	UNKNOWN	TOTAL
HELMET USED <i>ROW %</i>	84 4.0	566 26.9	891 42.3	176 8.4	391 18.6	13 -	2,121 100.0
HELMET NOT USED <i>ROW %</i>	12 7.5	53 33.1	62 38.8	10 6.3	23 14.4	1 -	161 100.0
HELMET USE UNKNOWN <i>ROW %</i>	6 2.1	42 14.7	111 39.0	30 10.5	96 33.7	35 -	320 100.0
TOTAL <i>ROW %</i>	102 4.0	661 25.9	1,064 41.7	216 8.5	510 20.0	49 -	2,602 100.0

**TABLE 3.6.17**

## 2008 MOTORCYCLE INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	JACKSON	318	12.4	23.0	CALLAWAY	26	1.0
2.0	ST. LOUIS	269	10.5	24.0	JOHNSON	25	1.0
3.0	ST. LOUIS CITY	130	5.1	26.0	COLE	24	0.9
4.0	GREENE	129	5.0	26.0	HOWELL	24	0.9
5.0	ST. CHARLES	123	4.8	26.0	PHELPS	24	0.9
6.0	CLAY	108	4.2	28.0	BUTLER	22	0.9
7.0	JEFFERSON	95	3.7	First Quartile			
8.0	JASPER	77	3.0				
9.0	FRANKLIN	63	2.5	Second Quartile			
10.0	CASS	58	2.3	29.5	LAFAYETTE	21	0.8
11.5	BOONE	50	1.9	29.5	WARREN	21	0.8
11.5	PLATTE	50	1.9	31.0	MCDONALD	20	0.8
13.0	NEWTON	47	1.8	32.0	BARRY	19	0.7
14.0	TANEY	42	1.6	33.0	LACLEDE	18	0.7
15.0	BUCHANAN	41	1.6	34.5	BENTON	17	0.7
16.0	ST. FRANCOIS	40	1.6	34.5	LINCOLN	17	0.7
17.0	CAMDEN	38	1.5	36.5	MORGAN	15	0.6
18.0	CHRISTIAN	32	1.2	36.5	SALINE	15	0.6
20.0	CAPE GIRARDEAU	30	1.2	38.5	HENRY	14	0.5
20.0	PETTIS	30	1.2	38.5	WASHINGTON	14	0.5
20.0	PULASKI	30	1.2	42.0	CRAWFORD	13	0.5
22.0	STONE	27	1.1	42.0	MILLER	13	0.5

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
42.0	RANDOLPH	13	0.5	82.0	CLINTON	4	0.2
42.0	SCOTT	13	0.5	82.0	DOUGLAS	4	0.2
42.0	WAYNE	13	0.5	82.0	HICKORY	4	0.2
45.0	RIPLEY	12	0.5	82.0	MISSISSIPPI	4	0.2
46.5	LAWRENCE	11	0.4	82.0	OREGON	4	0.2
46.5	LIVINGSTON	11	0.4	82.0	RALLS	4	0.2
49.5	ADAIR	10	0.4	82.0	SHELBY	4	0.2
49.5	PERRY	10	0.4	Third Quartile			
49.5	STODDARD	10	0.4	Fourth Quartile			
49.5	TEXAS	10	0.4	91.0	ATCHISON	3	0.1
54.5	DALLAS	9	0.4	91.0	BARTON	3	0.1
54.5	OZARK	9	0.4	91.0	CEDAR	3	0.1
54.5	POLK	9	0.4	91.0	HARRISON	3	0.1
54.5	STE. GENEVIEVE	9	0.4	91.0	HOLT	3	0.1
54.5	VERNON	9	0.4	91.0	MACON	3	0.1
54.5	WEBSTER	9	0.4	91.0	OSAGE	3	0.1
Second Quartile				91.0	REYNOLDS	3	0.1
Third Quartile				91.0	SHANNON	3	0.1
60.5	AUDRAIN	8	0.3	98.5	BATES	2	0.1
60.5	COOPER	8	0.3	98.5	CHARITON	2	0.1
60.5	DUNKLIN	8	0.3	98.5	DADE	2	0.1
60.5	MONITEAU	8	0.3	98.5	HOWARD	2	0.1
60.5	RAY	8	0.3	98.5	LINN	2	0.1
66.0	GASCONADE	7	0.3	98.5	SCOTLAND	2	0.1
66.0	IRON	7	0.3	106.0	CALDWELL	1	0.0
66.0	MARION	7	0.3	106.0	CARTER	1	0.0
66.0	MONTGOMERY	7	0.3	106.0	DAVIESS	1	0.0
66.0	PEMISCOT	7	0.3	106.0	DE KALB	1	0.0
70.0	DENT	6	0.2	106.0	LEWIS	1	0.0
70.0	MARIES	6	0.2	106.0	MADISON	1	0.0
70.0	NODAWAY	6	0.2	106.0	NEW MADRID	1	0.0
74.5	ANDREW	5	0.2	106.0	PUTNAM	1	0.0
74.5	BOLLINGER	5	0.2	106.0	SCHUYLER	1	0.0
74.5	GRUNDY	5	0.2	113.0	GENTRY	0	0.0
74.5	MONROE	5	0.2	113.0	KNOX	0	0.0
74.5	PIKE	5	0.2	113.0	MERCER	0	0.0
74.5	WRIGHT	5	0.2	113.0	SULLIVAN	0	0.0
82.0	CARROLL	4	0.2	113.0	WORTH	0	0.0
82.0	CLARK	4	0.2				

TABLE 3.6.18

## 2008 MOTORCYCLE INVOLVED CRASHES

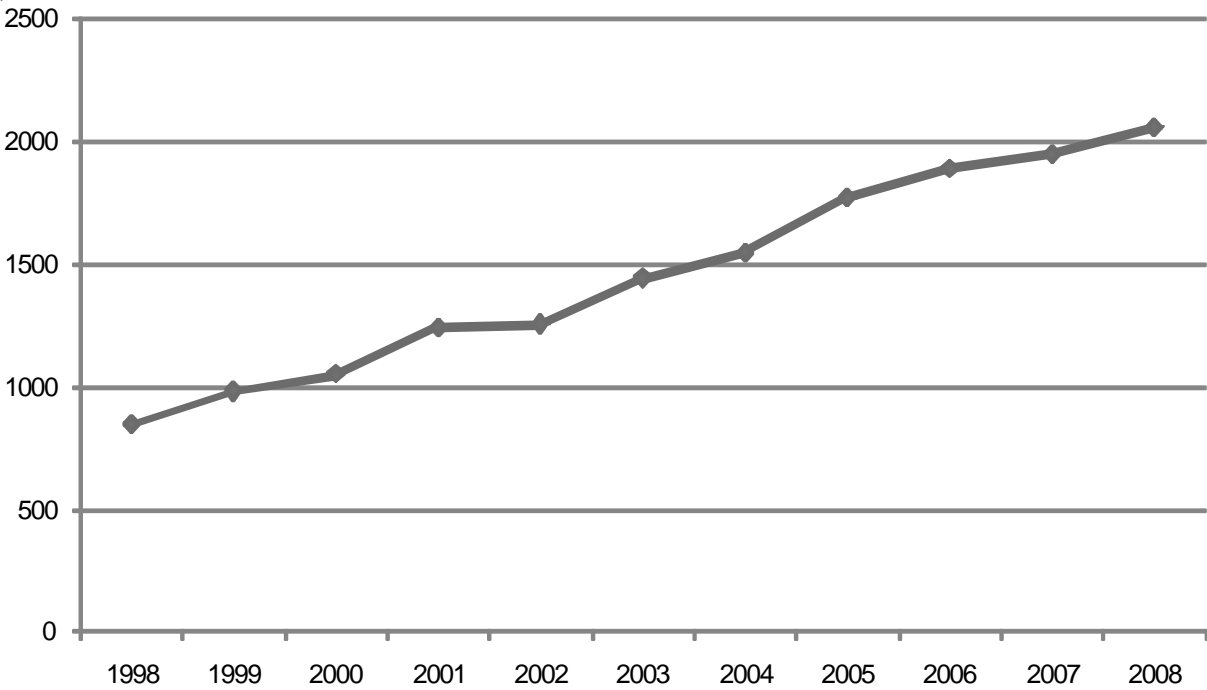
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	240	16.6
2.0	ST. LOUIS	130	9.0
3.0	SPRINGFIELD	90	6.2
4.0	JOPLIN	51	3.5
5.0	INDEPENDENCE	41	2.8
6.0	ST. JOSEPH	37	2.6
7.0	LEE'S SUMMIT	32	2.2
8.0	COLUMBIA	29	2.0
9.5	BLUE SPRINGS	25	1.7
9.5	ST. CHARLES	25	1.7
11.0	FLORISSANT	24	1.7
12.0	ST. PETERS	18	1.2
13.0	JEFFERSON CITY	17	1.2
14.5	O'FALLON	16	1.1
14.5	SEDALIA	16	1.1
16.5	BELTON	15	1.0
16.5	GRANDVIEW	15	1.0
18.0	MARYLAND HEIGHTS	14	1.0
19.0	LIBERTY	13	0.9
20.0	KIRKWOOD	12	0.8
22.5	ARNOLD	11	0.8
22.5	CAPE GIRARDEAU	11	0.8
22.5	CHESTERFIELD	11	0.8
22.5	RAYTOWN	11	0.8
26.0	FARMINGTON	10	0.7
26.0	POPLAR BLUFF	10	0.7
26.0	WENTZVILLE	10	0.7
29.5	CREVE COEUR	9	0.6
29.5	FULTON	9	0.6
29.5	OSAGE BEACH	9	0.6
29.5	WEST PLAINS	9	0.6
34.5	BRANSON	8	0.6
34.5	BRIDGETON	8	0.6
34.5	GLADSTONE	8	0.6
34.5	ROLLA	8	0.6
34.5	SUNSET HILLS	8	0.6
34.5	TOWN AND COUNTRY	8	0.6
42.5	CAMDENTON	7	0.5
42.5	HAZELWOOD	7	0.5
42.5	LEBANON	7	0.5
42.5	MOBERLY	7	0.5
42.5	RAYMORE	7	0.5
42.5	ST. ROBERT	7	0.5
42.5	SIKESTON	7	0.5
42.5	UNION	7	0.5
42.5	WARRENSBURG	7	0.5
42.5	WILDWOOD	7	0.5

<sup>1</sup>Percentage is based on motorcycle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.6.19**

**MISSOURI FATAL AND PERSONAL INJURY MOTORCYCLE INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.6.1**

### 3.7 SCHOOL BUS INVOLVEMENT

***This section presents a series of data displays which identify school bus involvement in Missouri's traffic crash experience. School bus involved traffic crashes are defined as any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash. Data displays are presented which identify characteristics of school bus drivers in these traffic crashes.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 0.7% involved a school bus. Of all fatal traffic crashes, 0.1% involved a school bus. One person was killed and 400 were injured in school bus crashes.
- There was a decrease of 7.7% in the rate of change when comparing 2008 school bus traffic crashes with those in 2007.
- In 2008, one person was killed or injured in a school bus crash every 21.8 hours in the State of Missouri.
- In 87.9% of the school bus traffic crashes, one or more school buses were directly involved in the incident. In 12.2% of the cases, a school bus signal was associated with the crash.
- Of all 2008 school bus crashes, the first harmful event in 73.5% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 18.1% of the cases one motor vehicle in transport struck a parked vehicle.
- Of all 2008 school bus traffic crashes, 70.8% occurred in urban areas of the State and 29.2% occurred in rural areas.
- Of all 2008 school bus traffic crashes, 59.4% occurred on a city street, 11.6% occurred on a county road, and 10.9% occurred on a state numbered road.
- Of all school bus drivers in traffic crashes, 39.7% were male and 60.4% were female. The average age of school bus drivers was 46.8 years.

# 2008 MISSOURI TRAFFIC CRASHES

## SCHOOL BUS INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER <sup>1</sup> INJURED	SCHOOL BUS DRIVERS/PASSENGERS <sup>2</sup>	
											KILLED	INJURED
SCHOOL BUS INVOLVED	1	0.1	182	0.5	886	0.8	1,069	0.7	1	400	0	228
NO SCHOOL BUS INVOLVED	833	99.9	36,922	99.5	109,072	99.2	146,827	99.3	947	53,427	-	-
UNKNOWN <sup>3</sup>	11	-	936	-	7,006	-	7,953	-	12	1,322	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>0</b>	<b>228</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more school buses / signals were involved.

<sup>2</sup>This statistic indicates the number of school bus drivers and passengers in the school bus killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a school bus or no school bus signals were involved and the body type of one or more vehicles in the crash was not known.

**TABLE 3.7.1**

## DIRECT SCHOOL BUS INVOLVEMENT IN 2008 MISSOURI SCHOOL BUS CRASHES

### STATUS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
NONE INVOLVED <sup>1</sup>	0	0.0	39	21.4	91	10.3	130	12.2
1 INVOLVED	1	100.0	141	77.5	778	87.8	920	86.1
2 INVOLVED	0	0.0	2	1.1	17	1.9	19	1.8
<b>TOTAL</b>	1	100.0	182	100.0	886	100.0	1,069	100.0

<sup>1</sup>Although a school bus was not directly involved in the traffic crash, a school bus signal was involved.

**TABLE 3.7.2**

### 2007 and 2008 SCHOOL BUS INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	5	1	-80.0
PERSONAL INJURY	215	182	-15.3
PROPERTY DAMAGE	938	886	-5.5
<b>TOTAL</b>	1,158	1,069	-7.7

**TABLE 3.7.3**

## 2008 SCHOOL BUS INVOLVED CRASHES

### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	4	0.5	4	0.4
BICYCLIST	0	0.0	2	1.1	0	0.0	2	0.2
FIXED OBJECT	0	0.0	11	6.0	54	6.1	65	6.1
OTHER OBJECT	0	0.0	0	0.0	4	0.5	4	0.4
PEDESTRIAN	0	0.0	4	2.2	2	0.2	6	0.6
TRAIN	0	0.0	0	0.0	0	0.0	0	0.0
VEHICLE IN TRANSPORT	1	100.0	157	86.3	628	70.9	786	73.5
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	1	0.1	1	0.1
PARKED VEHICLE	0	0.0	6	3.3	187	21.1	193	18.1
NONCOLLISION OVERTURN	0	0.0	0	0.0	1	0.1	1	0.1
NONCOLLISION OTHER	0	0.0	2	1.1	5	0.6	7	0.7
<b>TOTAL</b>	1	100.0	182	100.0	886	100.0	1,069	100.0

**TABLE 3.7.4**

## 2008 SCHOOL BUS INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	1	100.0	133	73.1	623	70.3	757	70.8
RURAL	0	0.0	49	26.9	263	29.7	312	29.2
<b>TOTAL</b>	1	100.0	182	100.0	886	100.0	1,069	100.0

**TABLE 3.7.5**

**2008 SCHOOL BUS INVOLVED CRASHES**  
**ROAD CURVATURE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
STRAIGHT	1	100.0	160	87.9	759	86.6	920	86.8
CURVE	0	0.0	22	12.1	118	13.5	140	13.2
UNKNOWN	0	-	0	-	9	-	9	-
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>	<b>182</b>	<b>100.0</b>	<b>886</b>	<b>100.0</b>	<b>1,069</b>	<b>100.0</b>

**TABLE 3.7.6**

**2008 SCHOOL BUS INVOLVED CRASHES**  
**ROAD INCLINE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
LEVEL	1	100.0	118	64.8	649	74.6	768	72.9
HILL	0	0.0	54	29.7	197	22.6	251	23.8
CREST	0	0.0	10	5.5	24	2.8	34	3.2
UNKNOWN	0	-	0	-	16	-	16	-
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>	<b>182</b>	<b>100.0</b>	<b>886</b>	<b>100.0</b>	<b>1,069</b>	<b>100.0</b>

**TABLE 3.7.7**

## 2008 SCHOOL BUS INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	0	0.0	135	74.6	655	74.3	790	74.3
WET	1	100.0	38	21.0	156	17.7	195	18.3
SNOW	0	0.0	2	1.1	32	3.6	34	3.2
ICE	0	0.0	5	2.8	36	4.1	41	3.9
SLUSH	0	0.0	1	0.6	1	0.1	2	0.2
MUD	0	0.0	0	0.0	1	0.1	1	0.1
STANDING WATER	0	0.0	0	0.0	1	0.1	1	0.1
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	1	-	4	-	5	-
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>	<b>182</b>	<b>100.0</b>	<b>886</b>	<b>100.0</b>	<b>1,069</b>	<b>100.0</b>

**TABLE 3.7.8**

## 2008 SCHOOL BUS INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	8	4.4	32	3.6	40	3.7
U.S. HIGHWAY	0	0.0	13	7.1	32	3.6	45	4.2
STATE NUMBERED	1	100.0	24	13.2	91	10.3	116	10.9
SINGLE STATE LETTERED	0	0.0	3	1.7	31	3.5	34	3.2
DOUBLE STATE LETTERED	0	0.0	8	4.4	21	2.4	29	2.7
OUTER ROAD	0	0.0	0	0.0	2	0.2	2	0.2
COUNTY ROAD	0	0.0	15	8.2	109	12.3	124	11.6
CITY STREET	0	0.0	106	58.2	529	59.7	635	59.4
INTERSTATE LOOP	0	0.0	2	1.1	1	0.1	3	0.3
OTHER <sup>1</sup>	0	0.0	3	1.7	38	4.3	41	3.8
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>	<b>182</b>	<b>100.0</b>	<b>886</b>	<b>100.0</b>	<b>1,069</b>	<b>100.0</b>

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.7.9**

**2007 SCHOOL BUS INVOLVED CRASHES**

**HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY**

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	7	5.3	26	4.2	33	4.4	0	0.0	1	2.0	6	2.3	7	2.2
U.S. HIGHWAY	0	0.0	8	6.0	15	2.4	23	3.0	0	0.0	5	10.2	17	6.5	22	7.1
STATE NUMBERED	1	100.0	11	8.3	49	7.9	61	8.1	0	0.0	13	26.5	42	16.0	55	17.6
SINGLE STATE LETTERED	0	0.0	0	0.0	6	1.0	6	0.8	0	0.0	3	6.1	25	9.5	28	9.0
DOUBLE STATE LETTERED	0	0.0	3	2.3	5	0.8	8	1.1	0	0.0	5	10.2	16	6.1	21	6.7
OUTER ROAD	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.8	2	0.6
COUNTY ROAD	0	0.0	2	1.5	10	1.6	12	1.6	0	0.0	13	26.5	99	37.6	112	35.9
CITY STREET	0	0.0	100	75.2	486	78.0	586	77.4	0	0.0	6	12.2	43	16.4	49	15.7
INTERSTATE LOOP	0	0.0	2	1.5	0	0.0	2	0.3	0	0.0	0	0.0	1	0.4	1	0.3
OTHER <sup>1</sup>	0	0.0	0	0.0	26	4.2	26	3.4	0	0.0	3	6.1	12	4.6	15	4.8
TOTAL	1	100.0	133	100.0	623	100.0	757	100.0	0	100.0	49	100.0	263	100.0	312	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.7.10**

**2008 MISSOURI SCHOOL BUS INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	129	12.1
FEBRUARY	91	8.5
MARCH	64	6.0
APRIL	117	10.9
MAY	99	9.3
JUNE	46	4.3
JULY	28	2.6
AUGUST	71	6.6
SEPTEMBER	127	11.9
OCTOBER	121	11.3
NOVEMBER	78	7.3
DECEMBER	98	9.2
<b>TOTAL</b>	1,069	100.0

**TABLE 3.7.11**

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**2008 MISSOURI SCHOOL BUS INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	9	0.8
MONDAY	209	19.6
TUESDAY	234	21.9
WEDNESDAY	220	20.6
THURSDAY	205	19.2
FRIDAY	172	16.1
SATURDAY	20	1.9
<b>TOTAL</b>	1,069	100.0

**TABLE 3.7.12**

## 2008 MISSOURI SCHOOL BUS INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	2	0.2
01:00A - 01:59A	4	0.4
02:00A - 02:59A	1	0.1
03:00A - 03:59A	0	0.0
04:00A - 04:59A	0	0.0
05:00A - 05:59A	7	0.7
06:00A - 06:59A	62	5.8
07:00A - 07:59A	187	17.5
08:00A - 08:59A	123	11.5
09:00A - 09:59A	35	3.3
10:00A - 10:59A	20	1.9
11:00A - 11:59A	20	1.9
NOON - 12:59P	38	3.6
01:00P - 01:59P	28	2.6
02:00P - 02:59P	104	9.8
03:00P - 03:59P	234	22.0
04:00P - 04:59P	127	11.9
05:00P - 05:59P	38	3.6
06:00P - 06:59P	16	1.5
07:00P - 07:59P	8	0.8
08:00P - 08:59P	1	0.1
09:00P - 09:59P	5	0.5
10:00P - 10:59P	4	0.4
11:00P - MIDNIGHT	2	0.2
<b>TOTAL</b>	1,066	100.0

Unknown Data Not Included

**TABLE 3.7.13**

## 2008 MISSOURI SCHOOL BUS CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL SCHOOL BUS CRASHES = 1				TOTAL SCHOOL BUS CRASHES = 1,069		
	SCHOOL BUS DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	SCHOOL BUS DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	1.2	1.7	2.9
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.1	0.1	0.1
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.6	0.3	0.8
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	0.0	0.0	2.1	10.7	12.5
IMPROPER PASSING	0.0	0.0	0.0	1.8	2.7	4.5
VIOLATION OF STOP SIGN	0.0	0.0	0.0	0.5	2.6	3.1
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.6	0.5	0.8
FOLLOWING TOO CLOSE	0.0	0.0	0.0	2.0	10.8	12.7
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.2	0.2
IMPROPER BACKING	0.0	0.0	0.0	2.9	1.1	4.0
IMPROPER TURN	0.0	0.0	0.0	5.1	1.8	6.8
IMPROPER LANE USAGE / CHANGE	0.0	0.0	0.0	5.1	3.9	8.5
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY PARKED	0.0	0.0	0.0	0.3	1.5	1.8
FAILED TO YIELD	0.0	100.0	100.0	4.3	8.0	12.0
DRINKING	0.0	0.0	0.0	0.1	0.6	0.7
DRUGS	0.0	0.0	0.0	0.0	0.4	0.4
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.2	0.3	0.5
INATTENTION	0.0	100.0	100.0	15.7	19.8	34.7

<sup>1</sup>This table identifies the percentage of school bus crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the school bus driver or the school bus as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri school bus crashes, it was found that a school bus driver was speeding in 2.1% of the crashes. In 10.7% of the crashes another driver was speeding. In 12.5% of the crashes either a school bus driver, another driver, or both drivers were speeding.

**TABLE 3.7.14**

### SCHOOL BUSES IN 2008 MISSOURI CRASHES

#### DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	2	1.4	24	3.0	26	2.7
KNOWN DRIVER INVOLVED	1	100.0	143	98.6	764	93.9	908	94.6
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	26	3.2	26	2.7
<b>TOTAL</b>	1	100.0	145	100.0	814	100.0	960	100.0

**TABLE 3.7.15**

### DRIVERS OF SCHOOL BUSES IN 2008 MISSOURI CRASHES

#### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	1	100.0	45	31.5	314	41.1	360	39.7
FEMALE	0	0.0	98	68.5	450	58.9	548	60.4
UNKNOWN	1	-	0	-	26	-	26	-
<b>TOTAL</b>	1	100.0	143	100.0	790	100.0	934	100.0

**TABLE 3.7.16**

# DRIVERS OF SCHOOL BUSES IN 2008 MISSOURI CRASHES

## AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	42.0	-	44.2	-	47.3	-	46.8	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	1	0.7	3	0.4	4	0.5
21 - 25 YEARS	0	0.0	11	7.7	39	5.2	50	5.6
26 - 30 YEARS	0	0.0	12	8.4	53	7.0	65	7.3
31 - 35 YEARS	0	0.0	17	11.9	64	8.5	81	9.0
36 - 40 YEARS	0	0.0	15	10.5	74	9.8	89	9.9
41 - 45 YEARS	1	100.0	23	16.1	85	11.3	109	12.2
46 - 50 YEARS	0	0.0	17	11.9	114	15.1	131	14.6
51 - 55 YEARS	0	0.0	17	11.9	103	13.7	120	13.4
56 - 60 YEARS	0	0.0	10	7.0	89	11.8	99	11.0
61 - 65 YEARS	0	0.0	9	6.3	62	8.2	71	7.9
66 YEARS AND OVER	0	0.0	11	7.7	67	8.9	78	8.7
UNKNOWN	0	-	0	-	37	-	37	-
<b>TOTAL</b>	1	100.0	143	100.0	790	100.0	934	100.0

**TABLE 3.7.17**

**DRIVERS OF SCHOOL BUSES IN 2008 MISSOURI CRASHES**

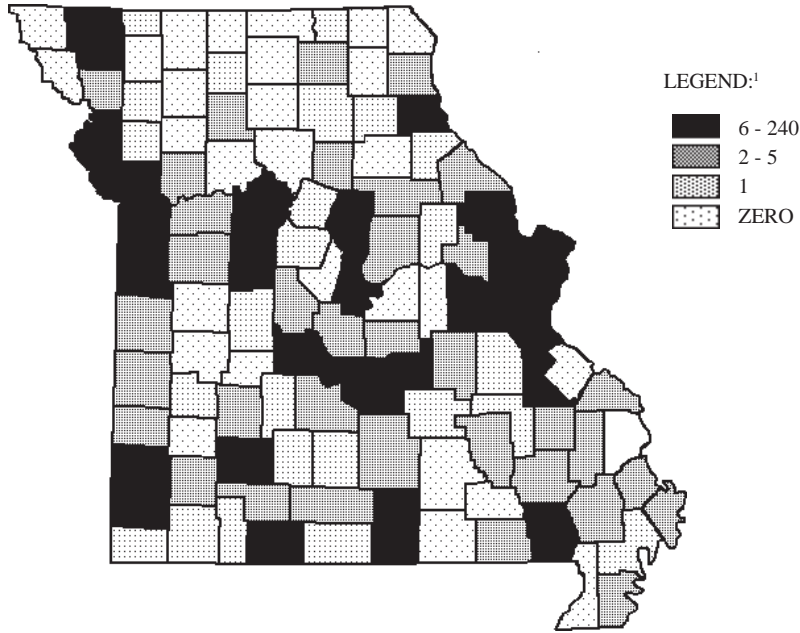
**DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>MISSOURI</b>								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	17	12.0	104	13.8	121	13.5
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	100.0	118	83.1	627	83.2	746	83.2
SUBTOTAL	1	100.0	135	95.1	731	97.0	867	96.7
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	0	0.0	1	0.1	1	0.1
OPERATOR'S LICENSE	0	0.0	2	1.4	2	0.3	4	0.5
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	0	0.0	5	3.5	19	2.5	24	2.7
SUBTOTAL	0	0.0	7	4.9	22	2.9	29	3.2
UNLICENSED	0	0.0	0	0.0	1	0.1	1	0.1
UNKNOWN	0	-	1	-	36	-	37	-
<b>TOTAL</b>	<b>1</b>	<b>100.0</b>	<b>143</b>	<b>100.0</b>	<b>790</b>	<b>100.0</b>	<b>934</b>	<b>100.0</b>

**TABLE 3.7.18**

## 2008 SCHOOL BUS INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS CITY	240	22.5	23.5	PETTIS	6	0.6
2.0	ST. LOUIS	207	19.4	23.5	PHELPS	6	0.6
3.0	JACKSON	153	14.3	23.5	PLATTE	6	0.6
4.0	ST. CHARLES	49	4.6	23.5	SALINE	6	0.6
5.0	JEFFERSON	35	3.3	23.5	TANEY	6	0.6
6.0	CLAY	31	2.9	First Quartile			
7.0	GREENE	28	2.6				
8.0	BOONE	23	2.2	Second Quartile			
9.0	CASS	17	1.6	30.0	CAPE GIRARDEAU	5	0.5
10.0	LINCOLN	15	1.4	30.0	CHRISTIAN	5	0.5
11.0	COLE	13	1.2	30.0	JOHNSON	5	0.5
12.0	JASPER	12	1.1	30.0	MILLER	5	0.5
13.5	BUCHANAN	10	0.9	30.0	STODDARD	5	0.5
13.5	BUTLER	10	0.9	36.5	AUDRAIN	4	0.4
15.5	PULASKI	9	0.8	36.5	BATES	4	0.4
15.5	ST. FRANCOIS	9	0.8	36.5	CALLAWAY	4	0.4
17.0	NEWTON	8	0.7	36.5	LAFAYETTE	4	0.4
18.5	FRANKLIN	7	0.7	36.5	LAWRENCE	4	0.4
18.5	HOWELL	7	0.7	36.5	PERRY	4	0.4
23.5	CAMDEN	6	0.6	36.5	SCOTT	4	0.4
23.5	MARION	6	0.6	36.5	VERNON	4	0.4
23.5	NODAWAY	6	0.6	46.0	ADAIR	3	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
46.0	BOLLINGER	3	0.3	75.5	OZARK	1	0.1
46.0	CRAWFORD	3	0.3	75.5	RALLS	1	0.1
46.0	LACLEDE	3	0.3	75.5	SCHUYLER	1	0.1
46.0	LEWIS	3	0.3	75.5	SHELBY	1	0.1
46.0	LIVINGSTON	3	0.3	75.5	STONE	1	0.1
46.0	MISSISSIPPI	3	0.3	75.5	WASHINGTON	1	0.1
46.0	MORGAN	3	0.3	75.5	WEBSTER	1	0.1
46.0	PEMISCOT	3	0.3	75.5	WORTH	1	0.1
46.0	RANDOLPH	3	0.3	75.5	WRIGHT	1	0.1
46.0	TEXAS	3	0.3	Third Quartile			
57.5	ANDREW	2	0.2	Fourth Quartile			
57.5	BARTON	2	0.2	101.5	ATCHISON	0	0.0
57.5	DOUGLAS	2	0.2	101.5	CALDWELL	0	0.0
57.5	MADISON	2	0.2	101.5	CARROLL	0	0.0
57.5	MARIES	2	0.2	101.5	CARTER	0	0.0
57.5	PIKE	2	0.2	101.5	CHARITON	0	0.0
57.5	POLK	2	0.2	101.5	CLARK	0	0.0
57.5	RAY	2	0.2	101.5	DADE	0	0.0
57.5	REYNOLDS	2	0.2	101.5	DAVISS	0	0.0
57.5	RIPLEY	2	0.2	101.5	DUNKLIN	0	0.0
57.5	WARREN	2	0.2	101.5	GASCONADE	0	0.0
57.5	WAYNE	2	0.2	101.5	GENTRY	0	0.0
Second Quartile				101.5	HARRISON	0	0.0
Third Quartile				101.5	HENRY	0	0.0
75.5	BARRY	1	0.1	101.5	HICKORY	0	0.0
75.5	BENTON	1	0.1	101.5	HOLT	0	0.0
75.5	CEDAR	1	0.1	101.5	KNOX	0	0.0
75.5	CLINTON	1	0.1	101.5	LINN	0	0.0
75.5	COOPER	1	0.1	101.5	MERCER	0	0.0
75.5	DALLAS	1	0.1	101.5	MONITEAU	0	0.0
75.5	DE KALB	1	0.1	101.5	MONROE	0	0.0
75.5	DENT	1	0.1	101.5	OREGON	0	0.0
75.5	GRUNDY	1	0.1	101.5	OSAGE	0	0.0
75.5	HOWARD	1	0.1	101.5	PUTNAM	0	0.0
75.5	IRON	1	0.1	101.5	ST. CLAIR	0	0.0
75.5	MCDONALD	1	0.1	101.5	STE. GENEVIEVE	0	0.0
75.5	MACON	1	0.1	101.5	SCOTLAND	0	0.0
75.5	MONTGOMERY	1	0.1	101.5	SHANNON	0	0.0
75.5	NEW MADRID	1	0.1	101.5	SULLIVAN	0	0.0

TABLE 3.7.19

## 2008 SCHOOL BUS INVOLVED CRASHES

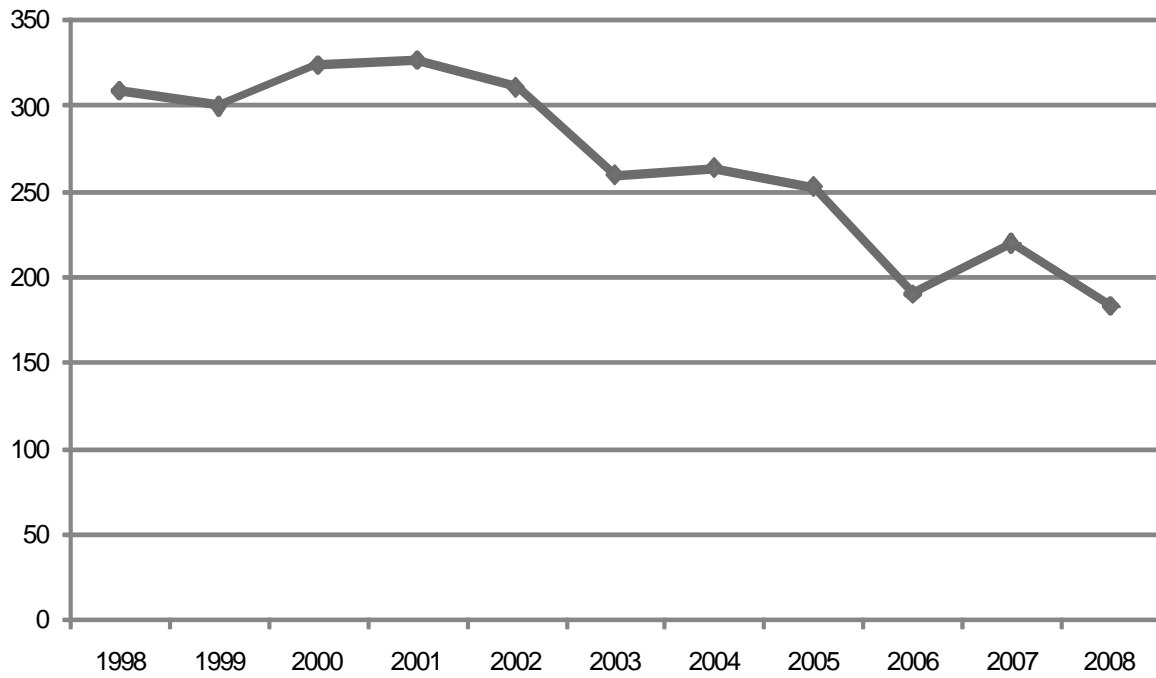
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	ST. LOUIS	240	29.2
2.0	KANSAS CITY	109	13.3
3.0	SPRINGFIELD	23	2.8
4.0	INDEPENDENCE	21	2.6
5.0	COLUMBIA	19	2.3
6.0	FLORISSANT	15	1.8
7.5	KIRKWOOD	13	1.6
7.5	LIBERTY	13	1.6
9.5	BLUE SPRINGS	11	1.3
9.5	ST. CHARLES	11	1.3
12.0	JEFFERSON CITY	10	1.2
12.0	LEE'S SUMMIT	10	1.2
12.0	ST. JOSEPH	10	1.2
14.0	ST. PETERS	9	1.1
15.5	BELLEFONTAINE NEIGHBORS	8	1.0
15.5	WILDWOOD	8	1.0
18.0	O'FALLON	7	0.9
18.0	OLIVETTE	7	0.9
18.0	RAYTOWN	7	0.9
22.0	CHESTERFIELD	6	0.7
22.0	HANNIBAL	6	0.7
22.0	HAZELWOOD	6	0.7
22.0	JOPLIN	6	0.7
22.0	MARYLAND HEIGHTS	6	0.7
27.5	MARSHALL	5	0.6
27.5	MARYVILLE	5	0.6
27.5	POPLAR BLUFF	5	0.6
27.5	RICHMOND HEIGHTS	5	0.6
27.5	ROLLA	5	0.6
27.5	WENTZVILLE	5	0.6
36.0	BALLWIN	4	0.5
36.0	BERKELEY	4	0.5
36.0	CAPE GIRARDEAU	4	0.5
36.0	CREVE COEUR	4	0.5
36.0	LADUE	4	0.5
36.0	MOSCOW MILLS	4	0.5
36.0	OVERLAND	4	0.5
36.0	SUNSET HILLS	4	0.5
36.0	TOWN AND COUNTRY	4	0.5
36.0	TROY	4	0.5
36.0	WAYNESVILLE	4	0.5

<sup>1</sup>Percentage is based on school bus involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.7.20**

**MISSOURI FATAL AND PERSONAL INJURY SCHOOL BUS INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.7.1**

### 3.8 BICYCLE INVOLVEMENT

***This section presents a series of data displays which identify bicycle involvement in Missouri's traffic crash experience. Bicycle involved traffic crashes are defined as any crash in which one or more bicycles were directly involved in the incident. Data displays also are provided which describe characteristics of the bicyclist as well as other drivers and vehicles in the traffic crash.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 0.4% involved a bicycle. Of all fatal traffic crashes, 0.2% involved a bicycle. Two people were killed and 533 were injured in these traffic crashes.
- There was a decrease of 4.6% in the rate of change when comparing total 2008 bicycle-related traffic crashes with those in 2007.
- In 2008, one person was killed or injured in a bicycle traffic crash every 16.4 hours in the State of Missouri.
- Of all 2008 bicycle traffic crashes, 83.0% occurred in an urban area and 17.0% occurred in a rural area of the State.
- Of all 2008 bicycle traffic crashes, 73.1% occurred on a city street.
- Of all 2008 bicycle traffic crashes, 86.5% occurred from April through October.
- Of all bicycle drivers in traffic crashes, 82.5% were male and 17.6% were female. The average age of bicycle drivers was 25.4 years.
- Of all other types of vehicles in bicycle crashes, 62.2% were automobiles and 14.3% were pickup trucks.

# 2008 MISSOURI TRAFFIC CRASHES

## BICYCLE INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER <sup>1</sup> INJURED	BICYCLE DRIVERS/PASSENGERS <sup>2</sup>	
											KILLED	INJURED
BICYCLE INVOLVED	2	0.2	517	1.4	105	0.1	624	0.4	2	533	1	527
NO BICYCLE INVOLVED	840	99.8	37,362	98.6	112,827	99.9	151,029	99.6	955	54,414	-	-
UNKNOWN <sup>3</sup>	3	-	161	-	4,032	-	4,196	-	3	202	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>1</b>	<b>527</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more bicycles were involved.

<sup>2</sup>This statistic indicates the number of bicycle drivers and passengers killed and injured.

<sup>3</sup>Crashes were classified as unknown if the following conditions exist: none of the vehicles involved in the crash was a bicycle and the body type of one or more vehicles involved in the accident was not known.

**TABLE 3.8.1**

### 2007 and 2008 BICYCLE INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	8	2	-75.0
PERSONAL INJURY	535	517	- 3.4
PROPERTY DAMAGE	111	105	- 5.4
TOTAL	654	624	- 4.6

**TABLE 3.8.2**

### 2008 BICYCLE INVOLVED CRASHES

#### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	1	50.0	426	82.4	91	86.7	518	83.0
RURAL	1	50.0	91	17.6	14	13.3	106	17.0
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>517</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>624</b>	<b>100.0</b>

**TABLE 3.8.3**

### 2008 BICYCLE INVOLVED CRASHES

#### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	2	100.0	485	94.4	100	95.2	587	94.5
CURVE	0	0.0	29	5.6	5	4.8	34	5.5
UNKNOWN	0	-	3	-	0	-	3	-
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>517</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>624</b>	<b>100.0</b>

**TABLE 3.8.4**

**2008 BICYCLE INVOLVED CRASHES**

**ROAD INCLINE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
LEVEL	2	100.0	358	70.1	82	79.6	442	71.8
HILL	0	0.0	140	27.4	20	19.4	160	26.0
CREST	0	0.0	13	2.5	1	1.0	14	2.3
UNKNOWN	0	-	6	-	2	-	8	-
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>517</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>624</b>	<b>100.0</b>

**TABLE 3.8.5**

**2008 BICYCLE INVOLVED CRASHES**

**ROAD CONDITIONS BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
DRY	2	100.0	480	93.6	95	91.4	577	93.2
WET	0	0.0	32	6.2	7	6.7	39	6.3
SNOW	0	0.0	1	0.2	0	0.0	1	0.2
ICE	0	0.0	0	0.0	1	1.0	1	0.2
SLUSH	0	0.0	0	0.0	1	1.0	1	0.2
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	4	-	1	-	5	-
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>517</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>624</b>	<b>100.0</b>

**TABLE 3.8.6**

## 2008 BICYCLE INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	1	0.2	1	1.0	2	0.3
U.S. HIGHWAY	0	0.0	15	2.9	4	3.8	19	3.0
STATE NUMBERED	1	50.0	46	8.9	7	6.7	54	8.7
SINGLE STATE LETTERED	0	0.0	12	2.3	4	3.8	16	2.6
DOUBLE STATE LETTERED	0	0.0	8	1.6	0	0.0	8	1.3
OUTER ROAD	0	0.0	2	0.4	2	1.9	4	0.6
COUNTY ROAD	0	0.0	30	5.8	5	4.8	35	5.6
CITY STREET	1	50.0	377	72.9	78	74.3	456	73.1
INTERSTATE LOOP	0	0.0	3	0.6	0	0.0	3	0.5
OTHER <sup>1</sup>	0	0.0	23	4.5	4	3.8	27	4.3
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>517</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>624</b>	<b>100.0</b>

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.8.7**

**2008 MISSOURI BICYCLE INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	23	3.7
FEBRUARY	14	2.2
MARCH	16	2.6
APRIL	48	7.7
MAY	74	11.9
JUNE	95	15.2
JULY	87	13.9
AUGUST	86	13.8
SEPTEMBER	77	12.3
OCTOBER	73	11.7
NOVEMBER	21	3.4
DECEMBER	10	1.6
<b>TOTAL</b>	624	100.0

**TABLE 3.8.8****2008 MISSOURI BICYCLE INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	55	8.8
MONDAY	98	15.7
TUESDAY	110	17.6
WEDNESDAY	96	15.4
THURSDAY	96	15.4
FRIDAY	94	15.1
SATURDAY	75	12.0
<b>TOTAL</b>	624	100.0

**TABLE 3.8.9**

## 2008 MISSOURI BICYCLE INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	3	0.5
01:00A - 01:59A	1	0.2
02:00A - 02:59A	1	0.2
03:00A - 03:59A	0	0.0
04:00A - 04:59A	0	0.0
05:00A - 05:59A	0	0.0
06:00A - 06:59A	11	1.8
07:00A - 07:59A	27	4.3
08:00A - 08:59A	9	1.5
09:00A - 09:59A	20	3.2
10:00A - 10:59A	23	3.7
11:00A - 11:59A	37	6.0
NOON - 12:59P	24	3.9
01:00P - 01:59P	29	4.7
02:00P - 02:59P	41	6.6
03:00P - 03:59P	73	11.7
04:00P - 04:59P	76	12.2
05:00P - 05:59P	75	12.1
06:00P - 06:59P	56	9.0
07:00P - 07:59P	49	7.9
08:00P - 08:59P	21	3.4
09:00P - 09:59P	27	4.3
10:00P - 10:59P	11	1.8
11:00P - MIDNIGHT	8	1.3
<b>TOTAL</b>	622	100.0

Unknown Data Not Included

**TABLE 3.8.10**

## 2008 MISSOURI BICYCLE CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL BICYCLE CRASHES = 2				TOTAL BICYCLE CRASHES = 624		
	BICYCLE DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL FATAL	BICYCLE DRIVER/VEH.	OTHER DRIVER/VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	50.0	0.0	50.0	5.4	0.0	5.4
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.3	0.2	0.5
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	0.0	0.0	2.1	2.4	4.3
IMPROPER PASSING	0.0	0.0	0.0	0.5	1.8	2.2
VIOLATION OF STOP SIGN	50.0	0.0	50.0	9.8	1.6	11.1
WRONG SIDE NOT PASSING	0.0	0.0	0.0	2.6	0.5	2.9
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.2	0.6	0.8
IMPROPER SIGNAL	0.0	0.0	0.0	0.5	0.0	0.5
IMPROPER BACKING	0.0	0.0	0.0	0.0	0.5	0.5
IMPROPER TURN	0.0	0.0	0.0	1.3	2.4	3.7
IMPROPER LANE USAGE / CHANGE	0.0	0.0	0.0	6.6	2.9	9.3
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	1.4	0.0	1.4
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.0	0.0
FAILED TO YIELD	50.0	0.0	50.0	25.2	18.8	42.3
DRINKING	0.0	0.0	0.0	0.8	0.5	1.3
DRUGS	0.0	0.0	0.0	0.0	0.2	0.2
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	0.0	0.2	0.2
INATTENTION	50.0	0.0	50.0	20.2	18.6	32.7

<sup>1</sup>This table identifies the percentage of bicycle crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the bicyclist or his bicycle as well as those attributed to other persons and vehicles in the crash. For instance, when examining driver failure to yield in 2008 Missouri bicycle crashes, it was found that a bicyclist failed to yield in 25.2% of the crashes. In 18.8% of the crashes another driver failed to yield. In 42.3% of the crashes either a bicyclist, another driver, or both drivers failed to yield.

**TABLE 3.8.11**

**BICYCLES IN 2008 MISSOURI CRASHES**

**DRIVER INVOLVEMENT BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	2	100.0	521	100.0	98	93.3	621	98.9
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	7	6.7	7	1.1
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>521</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>628</b>	<b>100.0</b>

**TABLE 3.8.12**

**BICYCLE DRIVERS IN 2008 MISSOURI CRASHES**

**SEX OF DRIVER BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
MALE	2	100.0	422	81.0	88	89.8	512	82.5
FEMALE	0	0.0	99	19.0	10	10.2	109	17.6
UNKNOWN	0	-	0	-	7	-	7	-
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>521</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>628</b>	<b>100.0</b>

**TABLE 3.8.13**

# BICYCLE DRIVERS IN 2008 MISSOURI CRASHES

## AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	27.5	-	25.4	-	25.4	-	25.4	-
5 YEARS AND UNDER	0	0.0	5	1.0	0	0.0	5	0.8
6 - 10 YEARS	0	0.0	74	14.4	8	8.9	82	13.5
11 - 15 YEARS	1	50.0	114	22.1	27	30.0	142	23.4
16 - 20 YEARS	0	0.0	75	14.6	18	20.0	93	15.3
21 - 25 YEARS	0	0.0	54	10.5	7	7.8	61	10.1
26 - 30 YEARS	0	0.0	39	7.6	3	3.3	42	6.9
31 - 35 YEARS	0	0.0	27	5.2	2	2.2	29	4.8
36 - 40 YEARS	0	0.0	11	2.1	5	5.6	16	2.6
41 - 45 YEARS	1	50.0	33	6.4	5	5.6	39	6.4
46 - 50 YEARS	0	0.0	31	6.0	3	3.3	34	5.6
51 - 55 YEARS	0	0.0	25	4.9	4	4.4	29	4.8
56 - 60 YEARS	0	0.0	10	1.9	4	4.4	14	2.3
61 - 65 YEARS	0	0.0	6	1.2	3	3.3	9	1.5
66 YEARS AND OVER	0	0.0	11	2.1	1	1.1	12	2.0
UNKNOWN	0	-	6	-	15	-	21	-
<b>TOTAL</b>	2	100.0	521	100.0	105	100.0	628	100.0

**TABLE 3.8.14**

**2008 BICYCLE INVOLVED CRASHES<sup>1</sup>**

**OTHER TYPES OF VEHICLES INVOLVED BY CRASH SEVERITY**

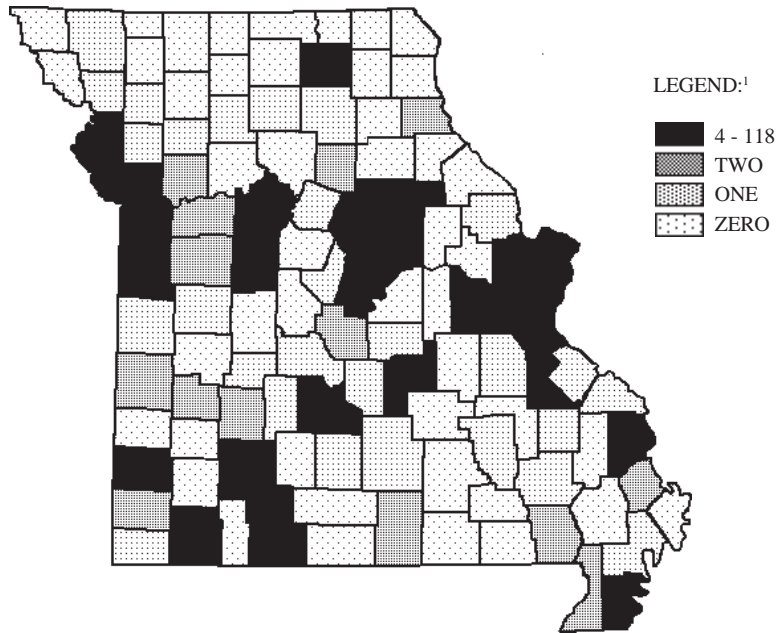
	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
AUTOMOBILE	0	0.0	321	62.5	65	62.5	386	62.2
SPORT UTILITY VEHICLE	2	66.7	65	12.7	20	19.2	87	14.0
LIMOUSINE	0	0.0	1	0.2	0	0.0	1	0.2
VAN	0	0.0	40	7.8	7	6.7	47	7.6
BUS	1	33.3	1	0.2	2	1.9	4	0.6
SCHOOL BUS	0	0.0	2	0.4	0	0.0	2	0.3
MOTORCYCLE	0	0.0	0	0.0	0	0.0	0	0.0
MOPED	0	0.0	0	0.0	0	0.0	0	0.0
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
CONSTRUCTION EQUIPMENT	0	0.0	0	0.0	0	0.0	0	0.0
OTHER TRANSPORT DEVICE	0	0.0	2	0.4	0	0.0	2	0.3
PICKUP TRUCK	0	0.0	79	15.4	10	9.6	89	14.3
OTHER TRUCKS	0	0.0	3	0.6	0	0.0	3	0.5
ALL TERRAIN VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	4	-	1	-	5	-
<b>TOTAL</b>	<b>2</b>	<b>100.0</b>	<b>518</b>	<b>100.0</b>	<b>105</b>	<b>100.0</b>	<b>625</b>	<b>100.0</b>

<sup>1</sup>This table includes all vehicle types (excluding bicycles) involved in bicycle crashes.

**TABLE 3.8.15**

## 2008 BICYCLE INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS CITY	118	18.9	20.5	ADAIR	5	0.8
2.0	ST. LOUIS	117	18.8	20.5	PETTIS	5	0.8
3.0	JACKSON	81	13.0	20.5	SALINE	5	0.8
4.0	GREENE	48	7.7	20.5	TANEY	5	0.8
5.0	ST. CHARLES	26	4.2	25.0	AUDRAIN	4	0.6
6.0	BOONE	23	3.7	25.0	CALLAWAY	4	0.6
7.0	JASPER	22	3.5	25.0	CHRISTIAN	4	0.6
8.0	CAPE GIRARDEAU	13	2.1	25.0	PEMISCOT	4	0.6
9.0	BUCHANAN	10	1.6	25.0	ST. FRANCOIS	4	0.6
10.0	CASS	9	1.4	-----			
12.0	COLE	8	1.3	First Quartile			
12.0	FRANKLIN	8	1.3	-----			
12.0	JEFFERSON	8	1.3	29.5	LAFAYETTE	3	0.5
15.0	BARRY	7	1.1	29.5	RANDOLPH	3	0.5
15.0	CLAY	7	1.1	29.5	SCOTT	3	0.5
15.0	LACLEDE	7	1.1	29.5	VERNON	3	0.5
17.5	PHELPS	6	1.0	36.5	BUTLER	2	0.3
17.5	PLATTE	6	1.0	36.5	CEDAR	2	0.3
				-----			
				Second Quartile			

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
36.5	DUNKLIN	2	0.3	92.5	BENTON	0	0.0
36.5	HOWELL	2	0.3	92.5	BOLLINGER	0	0.0
36.5	JOHNSON	2	0.3	92.5	CARROLL	0	0.0
36.5	MARION	2	0.3	92.5	CARTER	0	0.0
36.5	MILLER	2	0.3	92.5	CHARITON	0	0.0
36.5	NEWTON	2	0.3	92.5	CLARK	0	0.0
36.5	POLK	2	0.3	92.5	COOPER	0	0.0
36.5	RAY	2	0.3	92.5	CRAWFORD	0	0.0
Second Quartile				92.5	DADE	0	0.0
Third Quartile				92.5	DAVISS	0	0.0
55.5	ANDREW	1	0.2	92.5	DENT	0	0.0
55.5	BATES	1	0.2	92.5	DOUGLAS	0	0.0
55.5	CALDWELL	1	0.2	92.5	GASCONADE	0	0.0
55.5	CAMDEN	1	0.2	92.5	GENTRY	0	0.0
55.5	CLINTON	1	0.2	92.5	GRUNDY	0	0.0
55.5	DALLAS	1	0.2	92.5	HARRISON	0	0.0
55.5	DE KALB	1	0.2	92.5	HOLT	0	0.0
55.5	HENRY	1	0.2	92.5	IRON	0	0.0
55.5	HICKORY	1	0.2	92.5	KNOX	0	0.0
55.5	HOWARD	1	0.2	92.5	LAWRENCE	0	0.0
55.5	LINCOLN	1	0.2	92.5	LEWIS	0	0.0
55.5	LINN	1	0.2	92.5	MERCER	0	0.0
55.5	LIVINGSTON	1	0.2	92.5	MISSISSIPPI	0	0.0
55.5	MCDONALD	1	0.2	92.5	MONROE	0	0.0
55.5	MACON	1	0.2	92.5	MONTGOMERY	0	0.0
55.5	MADISON	1	0.2	92.5	MORGAN	0	0.0
55.5	MARIES	1	0.2	92.5	OREGON	0	0.0
55.5	MONITEAU	1	0.2	92.5	OSAGE	0	0.0
55.5	NEW MADRID	1	0.2	92.5	OZARK	0	0.0
55.5	NODAWAY	1	0.2	92.5	PIKE	0	0.0
55.5	PERRY	1	0.2	92.5	PUTNAM	0	0.0
55.5	PULASKI	1	0.2	92.5	RALLS	0	0.0
55.5	REYNOLDS	1	0.2	92.5	RIPLEY	0	0.0
55.5	STE. GENEVIEVE	1	0.2	92.5	ST. CLAIR	0	0.0
55.0	TEXAS	1	0.2	92.5	SCHUYLER	0	0.0
55.5	WASHINGTON	1	0.2	92.5	SCOTLAND	0	0.0
55.5	WAYNE	1	0.2	92.5	SHANNON	0	0.0
55.5	WRIGHT	1	0.2	92.5	SHELBY	0	0.0
Third Quartile				92.5	STODDARD	0	0.0
Fourth Quartile				92.5	STONE	0	0.0
92.5	ATCHISON	0	0.0	92.5	SULLIVAN	0	0.0
92.5	BARTON	0	0.0	92.5	WARREN	0	0.0
				92.5	WEBSTER	0	0.0
				92.5	WORTH	0	0.0

TABLE 3.8.16

## 2008 BICYCLE INVOLVED CRASHES

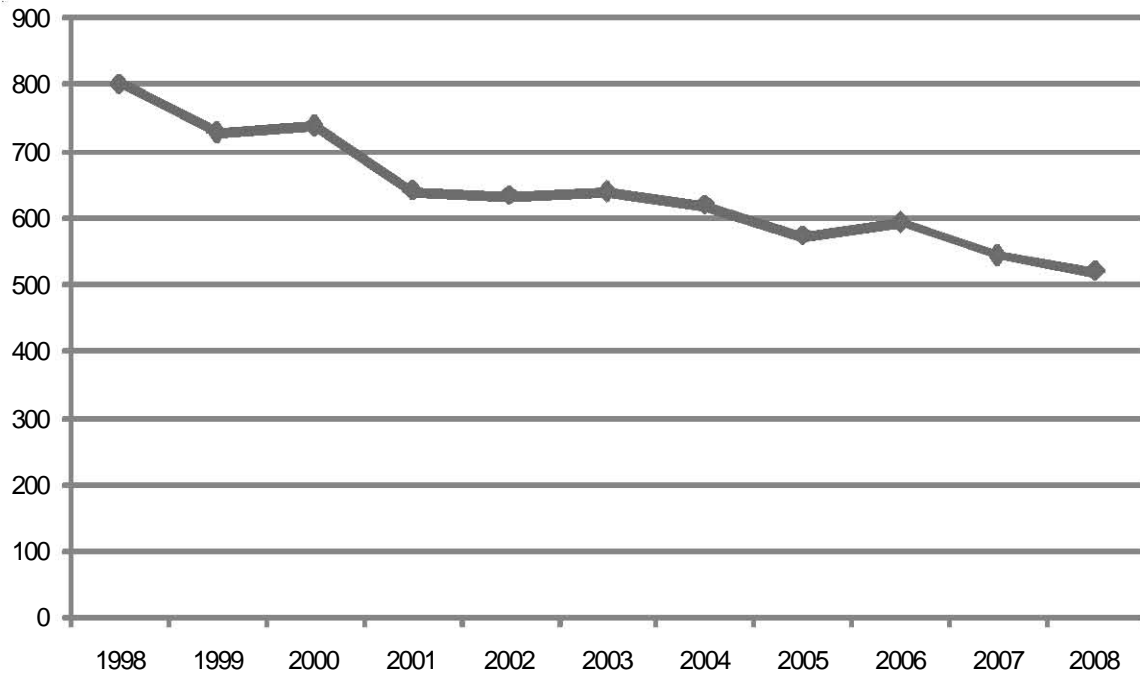
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	ST. LOUIS	118	21.0
2.0	KANSAS CITY	50	8.9
3.0	SPRINGFIELD	44	7.8
4.0	COLUMBIA	19	3.4
5.0	INDEPENDENCE	15	2.7
6.0	JOPLIN	13	2.3
7.0	CAPE GIRARDEAU	12	2.1
8.5	FLORISSANT	11	2.0
8.5	LEE'S SUMMIT	11	2.0
10.0	ST. JOSEPH	10	1.8
11.0	UNIVERSITY CITY	8	1.4
13.0	LEBANON	7	1.2
13.0	O'FALLON	7	1.2
13.0	ST. CHARLES	7	1.2
16.0	JEFFERSON CITY	6	1.1
16.0	MONETT	6	1.1
16.0	ST. PETERS	6	1.1
21.5	BELTON	5	0.9
21.5	BRANSON	5	0.9
21.5	CARTHAGE	5	0.9
21.5	CLAYTON	5	0.9
21.5	KIRKSVILLE	5	0.9
21.5	MARSHALL	5	0.9
21.5	ROLLA	5	0.9
21.5	SEDALIA	5	0.9
29.0	BALLWIN	4	0.7
29.0	CHESTERFIELD	4	0.7
29.0	KIRKWOOD	4	0.7
29.0	LIBERTY	4	0.7
29.0	MARYLAND HEIGHTS	4	0.7
29.0	OVERLAND	4	0.7
29.0	WEBSTER GROVES	4	0.7
38.5	BLUE SPRINGS	3	0.5
38.5	CRESTWOOD	3	0.5
38.5	CRYSTAL CITY	3	0.5
38.5	FULTON	3	0.5
38.5	GRANDVIEW	3	0.5
38.5	MEXICO	3	0.5
38.5	MOBERLY	3	0.5
38.5	NEVADA	3	0.5
38.5	PARKVILLE	3	0.5
38.5	RAYTOWN	3	0.5
38.5	ST. ANN	3	0.5
38.5	SIKESTON	3	0.5

<sup>1</sup>Percentage is based on bicycle involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.8.17**

**MISSOURI FATAL AND PERSONAL INJURY BICYCLE INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.8.1**

### 3.9 PEDESTRIAN INVOLVEMENT

***This section presents a series of data displays which describe pedestrian involvement in Missouri's traffic crash experience. Pedestrian crashes are defined as any crash in which one or more pedestrians were directly involved in the incident. The pedestrian may have been involved in the first harmful event or in a secondary event associated with the traffic crash. In either case, they would be included in this analysis. Data displays also are provided which identify characteristics of the pedestrian as well as the vehicle and driver that actually struck the pedestrian.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 0.9% involved a pedestrian. Of all fatal traffic crashes, 7.8% involved a pedestrian. A total of 68 persons were killed and 1,476 were injured in traffic crashes involving a pedestrian. In these traffic crashes, 66 of the 68 persons killed were pedestrians and 1,464 of the 1,476 persons injured were pedestrians.
- There was no change in the number of pedestrian related traffic crashes when comparing 2008 with 2007. When comparing fatal pedestrian related crashes over the same time period there was a 17.5% decrease between 2007 and 2008.
- In 2008, one person was killed or injured in pedestrian related traffic crashes every 5.7 hours in the State of Missouri.
- Of all 2008 pedestrian traffic crashes, 78.9% occurred in an urban area of the State and 21.1% occurred in a rural area. Of fatal pedestrian crashes, 45.5% occurred in a rural area.
- Of pedestrians in the traffic crashes, 59.5% were male and 40.5% were female. The average age of the pedestrian was 32.4 years. For those pedestrians killed the average age was 43.2 years.
- Of pedestrians 14 years and under in 2008 traffic crashes, 16.0% were crossing the street from behind a parked vehicle and 10.7% were playing in the road. Of pedestrians 15 through 64 years of age, 26.8% were crossing with no signal in the road and 7.9% were crossing the street from behind a parked vehicle. Of pedestrians 65 years and older, 1.2% were crossing the road within a marked crosswalk and 33.3% were crossing with no signal in the road.
- Of the drivers who struck pedestrians in 2008 traffic crashes, 54.8% were male and 45.2% were female. The average age of the driver was 39.6 years. Of the drivers who struck pedestrians, 60.1% were driving an automobile and 12.4% were driving a pickup truck.

# 2008 MISSOURI TRAFFIC CRASHES

## PEDESTRIAN INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL KILLED	TOTAL NUMBER <sup>1</sup> INJURED	PEDESTRIANS <sup>2</sup> KILLED	PEDESTRIANS <sup>2</sup> INJURED
PEDESTRIAN INVOLVED	66	7.8	1,265	3.3	133	0.1	1,464	0.9	68	1,476	66	1,464
NO PEDESTRIAN INVOLVED	779	92.2	36,775	96.7	116,551	99.9	154,105	99.1	892	53,673	-	-
UNKNOWN	0	-	0	-	280	-	280	-	0	0	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>66</b>	<b>1,464</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where one or more pedestrians were involved.

<sup>2</sup>This statistic indicates the number of pedestrians killed and injured.

**TABLE 3.9.1**

### 2007 and 2008 PEDESTRIAN INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	80	66	- 17.5
PERSONAL INJURY	1,276	1,265	- 0.9
PROPERTY DAMAGE	108	133	- 23.1
TOTAL	1,464	1,464	= 0.0

**TABLE 3.9.2**

### 2008 PEDESTRIAN INVOLVED CRASHES

#### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	36	54.6	1,009	79.8	110	82.7	1,155	78.9
RURAL	30	45.5	256	20.2	23	17.3	309	21.1
<b>TOTAL</b>	66	100.0	1,265	100.0	133	100.0	1,464	100.0

**TABLE 3.9.3**

### 2008 PEDESTRIAN INVOLVED CRASHES

#### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	56	84.9	1,175	93.6	124	93.2	1,355	93.2
CURVE	10	15.1	80	6.4	9	6.8	99	6.8
UNKNOWN	0	-	10	-	0	-	10	-
<b>TOTAL</b>	66	100.0	1,265	100.0	133	100.0	1,464	100.0

**TABLE 3.9.4**

**2008 PEDESTRIAN INVOLVED CRASHES**

**ROAD INCLINE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
LEVEL	39	59.1	981	78.7	103	78.0	1,123	77.8
HILL	25	37.9	234	18.8	25	18.9	284	19.7
CREST	2	3.0	31	2.5	4	3.0	37	2.6
UNKNOWN	0	-	19	-	1	-	20	-
<b>TOTAL</b>	<b>66</b>	<b>100.0</b>	<b>1,265</b>	<b>100.0</b>	<b>133</b>	<b>100.0</b>	<b>1,464</b>	<b>100.0</b>

**TABLE 3.9.5**

**2008 PEDESTRIAN INVOLVED CRASHES**

**ROAD CONDITIONS BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
DRY	53	81.5	1,037	82.6	106	79.7	1,196	82.3
WET	12	18.5	183	14.6	21	15.8	216	14.9
SNOW	0	0.0	14	1.1	3	2.3	17	1.2
ICE	0	0.0	17	1.4	3	2.3	20	1.4
SLUSH	0	0.0	2	0.2	0	0.0	2	0.1
MUD	0	0.0	2	0.2	0	0.0	2	0.1
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	1	-	10	-	0	-	11	-
<b>TOTAL</b>	<b>66</b>	<b>100.0</b>	<b>1,265</b>	<b>100.0</b>	<b>133</b>	<b>100.0</b>	<b>1,464</b>	<b>100.0</b>

**TABLE 3.9.6**

**2008 PEDESTRIAN INVOLVED CRASHES**

**HIGHWAY CLASSIFICATION BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
INTERSTATE	13	19.7	37	2.9	6	4.5	56	3.8
U.S. HIGHWAY	11	16.7	38	3.0	6	4.5	55	3.8
STATE NUMBERED	9	13.6	85	6.7	5	3.8	99	6.8
SINGLE STATE LETTERED	2	3.0	28	2.2	1	0.8	31	2.1
DOUBLE STATE LETTERED	5	7.6	21	1.7	2	1.5	28	1.9
OUTER ROAD	1	1.5	6	0.5	0	0.0	7	0.5
COUNTY ROAD	2	3.0	82	6.5	7	5.3	91	6.2
CITY STREET	18	27.3	889	70.3	99	74.4	1,006	68.7
INTERSTATE LOOP	0	0.0	5	0.4	0	0.0	5	0.3
OTHER <sup>1</sup>	5	7.6	74	5.9	7	5.3	86	5.9
<b>TOTAL</b>	<b>66</b>	<b>100.0</b>	<b>1,265</b>	<b>100.0</b>	<b>133</b>	<b>100.0</b>	<b>1,464</b>	<b>100.0</b>

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.9.7**

## 2008 PEDESTRIAN INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	7	19.4	22	2.2	4	3.6	33	2.9	6	20.0	15	5.9	2	8.7	23	7.4
U.S. HIGHWAY	6	16.7	24	2.4	3	2.7	33	2.9	5	16.7	14	5.5	3	13.0	22	7.1
STATE NUMBERED	3	8.3	54	5.4	2	1.8	59	5.1	6	20.0	31	12.1	3	13.0	40	12.9
SINGLE STATE LETTERED	1	2.8	8	0.8	1	0.9	10	0.9	1	3.3	20	7.8	0	0.0	21	6.8
DOUBLE STATE LETTERED	1	2.8	8	0.8	1	0.9	10	0.9	4	13.3	13	5.1	1	4.4	18	5.8
OUTER ROAD	0	0.0	4	0.4	0	0.0	4	0.4	1	3.3	2	0.8	0	0.0	3	1.0
COUNTY ROAD	0	0.0	5	0.5	0	0.0	5	0.4	2	6.7	77	30.1	7	30.4	86	27.8
CITY STREET	16	44.4	823	81.6	94	85.5	933	80.9	2	6.7	66	25.8	5	21.7	73	23.6
INTERSTATE LOOP	0	0.0	4	0.4	0	0.0	4	0.4	0	0.0	1	0.4	0	0.0	1	0.3
OTHER <sup>1</sup>	2	5.6	57	5.7	5	4.6	64	5.5	3	10.0	17	6.6	2	8.7	22	7.1
TOTAL	36	100.0	1,009	100.0	110	100.0	1,155	100.0	30	100.0	256	100.0	23	100.0	309	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.9.8**

**2008 MISSOURI PEDESTRIAN INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	124	8.5
FEBRUARY	76	5.2
MARCH	105	7.2
APRIL	104	7.1
MAY	116	7.9
JUNE	124	8.5
JULY	137	9.4
AUGUST	136	9.3
SEPTEMBER	145	9.9
OCTOBER	149	10.2
NOVEMBER	124	8.5
DECEMBER	124	8.5
<b>TOTAL</b>	1,464	100.0

**TABLE 3.9.9****2008 MISSOURI PEDESTRIAN INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	155	10.6
MONDAY	220	15.0
TUESDAY	219	15.0
WEDNESDAY	204	13.9
THURSDAY	222	15.2
FRIDAY	259	17.7
SATURDAY	185	12.6
<b>TOTAL</b>	1,464	100.0

**TABLE 3.9.10**

## 2008 MISSOURI PEDESTRIAN INVOLVED CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	40	2.7
01:00A - 01:59A	34	2.3
02:00A - 02:59A	20	1.4
03:00A - 03:59A	15	1.0
04:00A - 04:59A	8	0.6
05:00A - 05:59A	15	1.0
06:00A - 06:59A	40	2.7
07:00A - 07:59A	73	5.0
08:00A - 08:59A	55	3.8
09:00A - 09:59A	33	2.3
10:00A - 10:59A	36	2.5
11:00A - 11:59A	54	3.7
NOON - 12:59P	58	4.0
01:00P - 01:59P	70	4.8
02:00P - 02:59P	89	6.1
03:00P - 03:59P	134	9.2
04:00P - 04:59P	112	7.7
05:00P - 05:59P	133	9.1
06:00P - 06:59P	107	7.3
07:00P - 07:59P	80	5.5
08:00P - 08:59P	79	5.4
09:00P - 09:59P	70	4.8
10:00P - 10:59P	64	4.4
11:00P - MIDNIGHT	44	3.0
<b>TOTAL</b>	1,463	100.0

**TABLE 3.9.11**

## 2008 MISSOURI PEDESTRIAN CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL PEDESTRIAN CRASHES = 66				TOTAL PEDESTRIAN CRASHES = 1,464		
	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL FATAL	PEDESTRIAN	OTHER DRIVER/ VEHICLE	TOTAL CRASHES
VEHICLE DEFECTS	0.0	1.5	1.5	0.0	1.6	1.6
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	1.5	1.5	0.0	1.0	1.0
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	0.0	15.2	15.2	0.0	8.1	8.1
IMPROPER PASSING	0.0	0.0	0.0	0.0	0.9	0.9
VIOLATION OF STOP SIGN	0.0	3.0	3.0	0.0	1.4	1.4
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.0	0.7	0.7
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.0	0.5	0.5
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.1	0.1
IMPROPER BACKING	0.0	1.5	1.5	0.0	2.8	2.8
IMPROPER TURN	0.0	0.0	0.0	0.0	1.4	1.4
IMPROPER LANE USAGE / CHANGE	0.0	4.5	4.5	0.0	3.2	3.2
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.3	0.3
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.7	0.7
IMPROPERLY PARKED	0.0	3.0	3.0	0.0	1.0	1.0
FAILED TO YIELD	30.3	6.1	36.4	18.0	14.8	31.5
DRINKING	7.6	12.1	19.7	7.1	3.6	10.0
DRUGS	1.5	3.0	4.5	0.8	0.4	1.2
PHYSICAL IMPAIRMENT	4.5	1.5	6.1	0.8	1.2	2.0
INATTENTION	39.4	24.2	53.0	26.0	25.9	45.2

<sup>1</sup>This table identifies the percentage of pedestrian crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the pedestrian as well as those attributed to other drivers and vehicles in the crash. For instance, when examining drinking involvement in 2008 Missouri fatal pedestrian crashes, it was found that a pedestrian was drinking in 7.6% of the crashes. In 12.1% of the crashes a driver was drinking. In 19.7% of the crashes either a pedestrian, a driver, or both were drinking.

**TABLE 3.9.12**

# PEDESTRIANS IN 2008 MISSOURI CRASHES

## SEX OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
MALE	50	75.8	777	57.9	115	66.1	942	59.5
FEMALE	16	24.2	565	42.1	59	33.9	640	40.5
UNKNOWN	0	-	2	-	0	-	2	-
<b>TOTAL</b>	66	100.0	1,344	100.0	174	100.0	1,584	100.0

**TABLE 3.9.13**

# PEDESTRIANS IN 2008 MISSOURI CRASHES

## AGE OF PEDESTRIAN BY PERSONAL INJURY SEVERITY

	KILLED	%	INJURED	%	NOT INJURED / INJURY UNK.	%	TOTAL	%
<b>AVERAGE AGE OF PEDESTRIAN</b>	43.2	-	31.8	-	33.6	-	32.4	-
4 YEARS AND UNDER	1	1.5	47	3.6	8	5.2	56	3.7
5 - 9 YEARS	3	4.6	102	7.8	13	8.4	118	7.7
10 - 14 YEARS	3	4.6	112	8.5	6	3.9	121	7.9
15 - 19 YEARS	3	4.6	185	14.1	11	7.1	199	13.0
20 - 24 YEARS	4	6.2	153	11.7	13	8.4	170	11.1
25 - 29 YEARS	6	9.2	85	6.5	19	12.3	110	7.2
30 - 34 YEARS	3	4.6	86	6.6	16	10.4	105	6.9
35 - 39 YEARS	3	4.6	96	7.3	9	5.8	108	7.1
40 - 44 YEARS	4	6.2	83	6.3	9	5.8	96	6.3
45 - 49 YEARS	6	9.2	94	7.2	9	5.8	109	7.1
50 - 54 YEARS	13	20.0	89	6.8	17	11.0	119	7.8
55 - 59 YEARS	5	7.7	62	4.7	12	7.8	79	5.2
60 - 64 YEARS	1	1.5	40	3.1	8	5.2	49	3.2
65 YEARS AND OVER	10	15.4	78	6.0	4	2.6	92	6.0
UNKNOWN	1	-	32	-	20	-	53	-
<b>TOTAL</b>	66	100.0	1,344	100.0	174	100.0	1,584	100.0

**TABLE 3.9.14**

**PEDESTRIANS IN 2008 MISSOURI CRASHES**

**PEDESTRIAN ACTIONS BY AGE GROUP**

	<b>00 - 14 YEARS</b>	<b>%</b>	<b>15 - 64 YEARS</b>	<b>%</b>	<b>65 YEARS AND OVER</b>	<b>%</b>	<b>UN- KNOWN</b>	<b>TOTAL</b>	<b>%</b>
CROSSING - WITH SIGNAL	12	4.3	79	7.5	6	7.1	1	98	6.7
CROSSING - AGAINST SIGNAL	15	5.3	57	5.4	1	1.2	1	74	5.1
CROSSING - NO SIGNAL	99	35.2	282	26.8	29	33.3	18	427	29.1
CROSSING - DIAGONALLY	9	3.2	51	4.8	4	4.8	2	66	4.5
CROSSING - WITHIN CROSSWALK	16	5.7	71	6.7	1	1.2	4	92	6.3
CROSSING - WITHIN MARKED CROSSWALK	9	3.2	41	3.9	8	9.5	2	60	4.1
FROM BEHIND PARKED VEHICLE	45	16.0	83	7.9	7	8.3	3	138	9.4
WALKING WITH TRAFFIC	5	1.8	77	7.3	0	0.0	3	85	5.8
WALKING AGAINST TRAFFIC	13	4.6	56	5.3	5	6.0	2	76	5.2
GETTING ON / OFF VEHICLE	6	2.1	31	2.9	2	2.4	2	41	2.8
STANDING / LYING / SITTING IN ROAD	9	3.2	93	8.8	6	7.1	6	114	7.8
PUSHING / WORKING ON VEHICLE	0	0.0	19	1.8	0	0.0	0	19	1.3
OTHER WORK IN ROAD	0	0.0	34	3.2	3	3.6	0	37	2.5
PLAYING IN ROAD	30	10.7	9	0.9	0	0.0	0	39	2.7
NOT IN ROAD	13	4.6	71	6.7	13	15.5	3	100	6.8
UNKNOWN	14	-	90	-	8	-	6	118	-
<b>TOTAL</b>	295	100.0	1,144	100.0	92	100.0	53	1,584	100.0

**TABLE 3.9.15**

## DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2008 MISSOURI CRASHES

### SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	38	67.9	508	53.5	58	60.4	604	54.8
FEMALE	18	32.1	442	46.5	38	39.6	498	45.2
UNKNOWN	7	-	244	-	27	-	278	-
<b>TOTAL</b>	63	100.0	1,194	100.0	123	100.0	1,380	100.0

TABLE 3.9.16

## DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2008 MISSOURI CRASHES

### AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	38.5	-	39.3	-	42.5	-	39.6	-
14 YEARS AND UNDER	0	0.0	1	0.1	0	0.0	1	0.1
15 - 20 YEARS	6	10.7	159	17.0	6	6.3	171	15.8
21 - 25 YEARS	10	17.9	115	12.3	15	15.8	140	12.9
26 - 30 YEARS	6	10.7	101	10.8	8	8.4	115	10.6
31 - 35 YEARS	8	14.3	93	10.0	6	6.3	107	9.9
36 - 40 YEARS	5	8.9	83	8.9	11	11.6	99	9.1
41 - 45 YEARS	4	7.1	71	7.6	8	8.4	83	7.6
46 - 50 YEARS	4	7.1	67	7.2	12	12.6	83	7.6
51 - 55 YEARS	4	7.1	57	6.1	7	7.4	68	6.3
56 - 60 YEARS	4	7.1	41	4.4	5	5.3	50	4.6
61 - 65 YEARS	0	0.0	40	4.3	4	4.2	44	4.1
66 YEARS AND OVER	5	8.9	107	11.4	13	13.7	125	11.5
UNKNOWN	7	-	259	-	28	-	294	-
<b>TOTAL</b>	63	100.0	1,194	100.0	123	100.0	1,380	100.0

TABLE 3.9.17

**DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2008 MISSOURI CRASHES**

**TYPE OF VISION OBSTRUCTION BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
WINDSHIELD OBSCURED	0	0.0	9	0.8	0	0.0	9	0.7
LOAD ON VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
TREES / BRUSH	0	0.0	8	0.7	0	0.0	8	0.6
BUILDING	0	0.0	2	0.2	0	0.0	2	0.2
EMBANKMENT	0	0.0	2	0.2	0	0.0	2	0.2
SIGNBOARD	0	0.0	1	0.1	0	0.0	1	0.1
HILLCREST	0	0.0	9	0.8	1	0.8	10	0.8
PARKED CARS	2	3.2	63	5.6	6	5.0	71	5.4
MOVING CARS	4	6.5	43	3.8	3	2.5	50	3.8
GLARE	1	1.6	24	2.1	3	2.5	28	2.1
OTHER	3	4.8	58	5.1	3	2.5	64	4.9
NOT OBSCURED	52	83.9	910	80.6	103	86.6	1,065	81.3
UNKNOWN	1	-	65	-	4	-	70	-
<b>TOTAL</b>	<b>63</b>	<b>100.0</b>	<b>1,194</b>	<b>100.0</b>	<b>123</b>	<b>100.0</b>	<b>1,380</b>	<b>100.0</b>

**TABLE 3.9.18**

# DRIVERS OF VEHICLES STRIKING PEDESTRIANS IN 2008 MISSOURI CRASHES

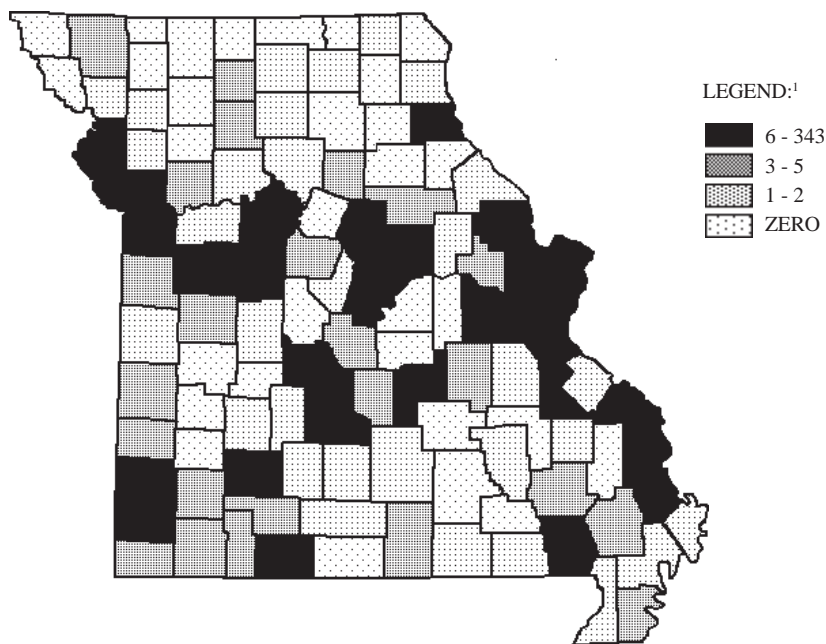
## TYPE OF VEHICLE DRIVEN BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	27	45.0	716	60.9	74	60.2	817	60.1
SPORT UTILITY VEHICLE	12	20.0	184	15.7	18	14.6	214	15.8
LIMOUSINE	0	0.0	0	0.0	0	0.0	0	0.0
VAN	7	11.7	95	8.1	7	5.7	109	8.0
BUS	0	0.0	9	0.8	0	0.0	9	0.7
SCHOOL BUS	0	0.0	3	0.3	1	0.8	4	0.3
MOTORCYCLE	0	0.0	7	0.6	0	0.0	7	0.5
MOPED	0	0.0	1	0.1	0	0.0	1	0.1
BICYCLE	0	0.0	0	0.0	0	0.0	0	0.0
MOTOR HOME / CAMPER	0	0.0	0	0.0	0	0.0	0	0.0
FARM EQUIPMENT	0	0.0	0	0.0	1	0.8	1	0.1
CONSTRUCTION EQUIPMENT	0	0.0	1	0.1	0	0.0	1	0.1
OTHER TRANSPORT DEVICE	1	1.7	3	0.3	0	0.0	4	0.3
PICKUP TRUCK	9	15.0	140	11.9	20	16.3	169	12.4
OTHER TRUCKS	4	6.7	16	1.4	2	1.6	22	1.6
ALL TERRAIN VEHICLE	0	0.0	1	0.1	0	0.0	1	0.1
UNKNOWN	3	-	18	-	0	-	21	-
<b>TOTAL</b>	<b>63</b>	<b>100.0</b>	<b>1,194</b>	<b>100.0</b>	<b>123</b>	<b>100.0</b>	<b>1,380</b>	<b>100.0</b>

**TABLE 3.9.19**

## 2008 PEDESTRIAN INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS CITY	343	23.4	21.0	ST. FRANCOIS	8	0.5
2.0	ST. LOUIS	269	18.4	21.0	SALINE	8	0.5
3.0	JACKSON	246	16.8	24.5	CAMDEN	7	0.5
4.0	GREENE	54	3.7	24.5	LINCOLN	7	0.5
5.0	ST. CHARLES	44	3.0	27.5	LACLEDE	6	0.4
6.0	BOONE	41	2.8	27.5	MARION	6	0.4
7.5	JASPER	38	2.6	27.5	PERRY	6	0.4
7.5	JEFFERSON	38	2.6	27.5	SCOTT	6	0.4
9.0	CLAY	31	2.1	First Quartile			
10.0	COLE	23	1.6				
11.0	BUCHANAN	22	1.5	Second Quartile			
12.0	FRANKLIN	19	1.3	31.5	CASS	5	0.3
13.0	TANEY	16	1.1	31.5	MC DONALD	5	0.3
14.5	CAPE GIRARDEAU	15	1.0	31.5	PEMISCOT	5	0.3
14.5	PLATTE	15	1.0	31.5	RAY	5	0.3
16.0	PHELPS	12	0.8	40.0	AUDRAIN	4	0.3
17.0	PETTIS	11	0.8	40.0	BARRY	4	0.3
18.0	NEWTON	9	0.6	40.0	CHRISTIAN	4	0.3
21.0	BUTLER	8	0.5	40.0	CRAWFORD	4	0.3
21.0	CALLAWAY	8	0.5	40.0	HENRY	4	0.3
21.0	JOHNSON	8	0.5	40.0	HOWELL	4	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	LAWRENCE	4	0.3	77.0	MADISON	1	0.1
40.0	LIVINGSTON	4	0.3	77.0	MISSISSIPPI	1	0.1
40.0	MILLER	4	0.3	77.0	REYNOLDS	1	0.1
40.0	PULASKI	4	0.3	77.0	SCOTLAND	1	0.1
40.0	STONE	4	0.3	77.0	WASHINGTON	1	0.1
40.0	VERNON	4	0.3	77.0	WEBSTER	1	0.1
40.0	WARREN	4	0.3	77.0	WRIGHT	1	0.1
50.0	BARTON	3	0.2	Third Quartile			
50.0	COOPER	3	0.2	Fourth Quartile			
50.0	GRUNDY	3	0.2	100.0	ATCHISON	0	0.0
50.0	NODAWAY	3	0.2	100.0	BOLLINGER	0	0.0
50.0	RANDOLPH	5	0.3	100.0	CALDWELL	0	0.0
50.0	STODDARD	3	0.2	100.0	CARTER	0	0.0
50.0	WAYNE	3	0.2	100.0	CEDAR	0	0.0
Second Quartile				100.0	CLARK	0	0.0
Third Quartile				100.0	DADE	0	0.0
61.5	ADAIR	2	0.1	100.0	DAVIESS	0	0.0
61.5	BATES	2	0.1	100.0	DENT	0	0.0
61.5	BENTON	2	0.1	100.0	GASCONADE	0	0.0
61.5	CARROLL	2	0.1	100.0	GENTRY	0	0.0
61.5	CLINTON	2	0.1	100.0	HARRISON	0	0.0
61.5	LAFAYETTE	2	0.1	100.0	HICKORY	0	0.0
61.5	MONITEAU	2	0.1	100.0	HOLT	0	0.0
61.5	MONTGOMERY	2	0.1	100.0	HOWARD	0	0.0
61.5	NEW MADRID	2	0.1	100.0	IRON	0	0.0
61.5	OREGON	2	0.1	100.0	KNOX	0	0.0
61.5	PIKE	2	0.1	100.0	MACON	0	0.0
61.5	POLK	2	0.1	100.0	MARIES	0	0.0
61.5	RIPLEY	2	0.1	100.0	MERCER	0	0.0
61.5	STE. GENEVIEVE	2	0.1	100.0	MONROE	0	0.0
61.5	SULLIVAN	2	0.1	100.0	MORGAN	0	0.0
61.5	TEXAS	2	0.1	100.0	OSAGE	0	0.0
77.0	ANDREW	1	0.1	100.0	OZARK	0	0.0
77.0	CHARITON	1	0.1	100.0	PUTNAM	0	0.0
77.0	DALLAS	1	0.1	100.0	RALLS	0	0.0
77.0	DE KALB	1	0.1	100.0	ST. CLAIR	0	0.0
77.0	DOUGLAS	1	0.1	100.0	SCHUYLER	0	0.0
77.0	DUNKLIN	1	0.1	100.0	SHANNON	0	0.0
77.0	LEWIS	1	0.1	100.0	SHELBY	0	0.0
77.0	LINN	12	0.1	100.0	WORTH	0	0.0

**TABLE 3.9.20**

## 2008 PEDESTRIAN INVOLVED CRASHES

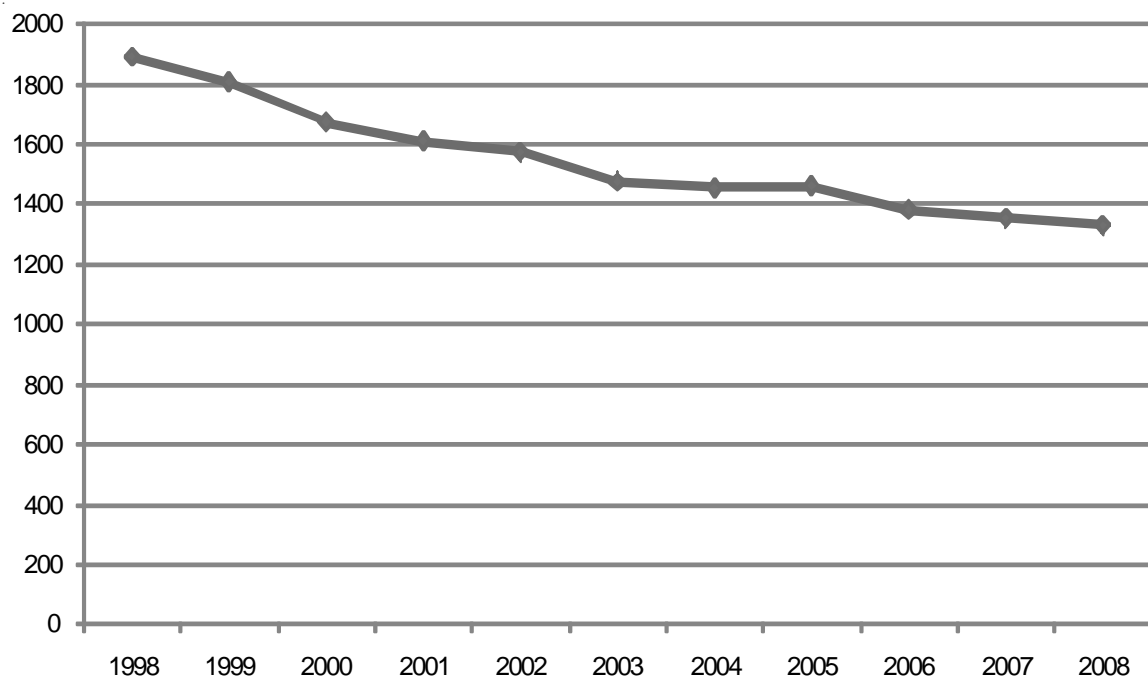
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	ST. LOUIS	343	27.8
2.0	KANSAS CITY	209	16.9
3.0	SPRINGFIELD	49	4.0
4.0	INDEPENDENCE	42	3.4
5.0	COLUMBIA	36	2.9
6.0	JOPLIN	24	1.9
7.0	JEFFERSON CITY	22	1.8
8.0	ST. JOSEPH	21	1.7
9.0	UNIVERSITY CITY	18	1.5
10.0	FLORISSANT	16	1.3
11.0	ST. PETERS	15	1.2
12.0	ST. CHARLES	11	0.9
14.0	OVERLAND	10	0.8
14.0	ROLLA	10	0.8
14.0	SEDALIA	10	0.8
18.5	BERKELEY	9	0.7
18.5	BRANSON	9	0.7
18.5	CAPE GIRARDEAU	9	0.7
18.5	JENNINGS	9	0.7
18.5	MAPLEWOOD	9	0.7
18.5	MARYLAND HEIGHTS	9	0.7
22.5	KIRKWOOD	8	0.6
22.5	WEBSTER GROVES	8	0.6
26.0	BLUE SPRINGS	7	0.6
26.0	FERGUSON	7	0.6
26.0	HAZELWOOD	7	0.6
26.0	O'FALLON	7	0.6
26.0	WEBB CITY	7	0.6
32.0	ARNOLD	6	0.5
32.0	BRIDGETON	6	0.5
32.0	CREVE COEUR	6	0.5
32.0	HANNIBAL	6	0.5
32.0	LEE'S SUMMIT	6	0.5
32.0	LIBERTY	6	0.5
32.0	MARSHALL	6	0.5

<sup>1</sup>Percentage is based on pedestrian involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.9.21**

**MISSOURI FATAL AND PERSONAL INJURY PEDESTRIAN INVOLVED CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.9.1**

### 3.10 FIXED OBJECT INVOLVEMENT

***This section presents a series of data displays which describe fixed object involvement in Missouri's traffic crash experience. Fixed object traffic crashes are defined as any traffic crash whose first harmful event involves a motor vehicle striking a fixed object. Crashes where a motor vehicle struck a fixed object as a result of a secondary event in a crash are not included in this analysis. Data displays also are presented which identify characteristics of the vehicle and driver striking the fixed object in the first harmful event.***

#### 2008 SUMMARY ANALYSIS

- Of all Missouri traffic crashes, 20.7% involved a fixed object being struck as part of the first harmful event. Of all fatal traffic crashes, 41.8% involved a fixed object. A total of 389 persons were killed and 12,637 were injured in fixed object crashes.
- There was a decrease of 2.6% in the rate of change when comparing all 2008 fixed object related traffic crash activity with that in 2007. When examining fatal fixed object crashes, the rate of change increased by 3.5%.
- In 2008, one person was killed or injured in a fixed object crash every 40.4 minutes in the State of Missouri.
- Of all fixed object traffic crashes, 43.2% occurred in an urban area and 56.8% occurred in a rural area of the State. Of the fatal fixed object crashes, 72.8% occurred in a rural area.
- Of all fixed object crashes, 32.0% occurred on a curve and 41.8% occurred on a hill or crest of a hill.
- In 25.6% of the cases, an embankment, culvert, or ditch was the type of object struck. In 10.0% of the incidents, a tree was struck.
- Of the vehicles striking the fixed object, 54.6% were automobiles and 18.6% were pickup trucks.
- Of the drivers striking fixed objects, 63.2% were male and 36.8% were female. The average age of the driver was 34.6 years.
- Of the drivers striking fixed objects, 82.9% had a Missouri driver's license, 11.5% had an out-of-state driver's license, and 5.6% were unlicensed.

## 2008 MISSOURI TRAFFIC CRASHES

### FIXED OBJECT INVOLVEMENT

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER <sup>1</sup>			DRIVERS/PASSENGERS OF VEHICLES STRIKING FIXED OBJECTS <sup>2</sup>		
									KILLED	INJURED		KILLED	INJURED	
FIXED OBJECT INVOLVED	353	41.8	9,791	25.7	22,082	18.9	32,226	20.7	389	12,637		385	12,376	
NO FIXED OBJECT INVOLVED	492	58.2	28,249	74.3	94,882	81.1	123,623	79.3	571	42,512		-	-	
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>		<b>385</b>	<b>12,376</b>	

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where a fixed object was struck during the first harmful event in a crash.

<sup>2</sup>This statistic indicates the number of drivers and passengers of vehicles striking fixed objects during the first harmful event in a crash who were killed and injured.

**TABLE 3.10.1**

### 2007 and 2008 FIXED OBJECT CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	341	353	+3.5
PERSONAL INJURY	10,519	9,791	- 6.9
PROPERTY DAMAGE	22,225	22,082	- 0.6
TOTAL	33,085	32,226	- 2.6

TABLE 3.10.2

### 2008 FIXED OBJECT CRASHES

#### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	96	27.2	3,425	35.0	10,396	47.1	13,917	43.2
RURAL	257	72.8	6,366	65.0	11,686	52.9	18,309	56.8
TOTAL	353	100.0	9,791	100.0	22,082	100.0	32,226	100.0

TABLE 3.10.3

### 2008 FIXED OBJECT CRASHES

#### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	185	52.4	6,148	63.0	15,335	70.6	21,668	68.1
CURVE	168	47.6	3,604	37.0	6,400	29.5	10,172	32.0
UNKNOWN	0	-	39	-	347	-	386	-
TOTAL	353	100.0	9,791	100.0	22,082	100.0	32,226	100.0

TABLE 3.10.4

## 2008 FIXED OBJECT CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	134	38.0	5,243	54.1	13,061	60.4	18,438	58.2
HILL	209	59.2	4,219	43.5	7,978	36.9	12,406	39.2
CREST	10	2.8	231	2.4	578	2.7	819	2.6
UNKNOWN	0	-	98	-	465	-	563	-
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>9,791</b>	<b>100.0</b>	<b>22,082</b>	<b>100.0</b>	<b>32,226</b>	<b>100.0</b>

**TABLE 3.10.5**

## 2008 FIXED OBJECT CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	277	80.3	6,700	68.8	12,338	56.5	19,315	60.5
WET	51	14.8	2,023	20.8	5,636	25.8	7,710	24.2
SNOW	7	2.0	419	4.3	1,726	7.9	2,152	6.7
ICE	8	2.3	528	5.4	1,925	8.8	2,461	7.7
SLUSH	1	0.3	55	0.6	144	0.7	200	0.6
MUD	1	0.3	13	0.1	18	0.1	32	0.1
STANDING WATER	0	0.0	4	0.0	30	0.1	34	0.1
MOVING WATER	0	0.0	4	0.0	17	0.1	21	0.1
UNKNOWN	8	-	45	-	248	-	301	-
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>9,791</b>	<b>100.0</b>	<b>22,082</b>	<b>100.0</b>	<b>32,226</b>	<b>100.0</b>

**TABLE 3.10.6**

**2008 FIXED OBJECT CRASHES**

**HIGHWAY CLASSIFICATION BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
INTERSTATE	49	13.9	1,524	15.6	4,572	20.7	6,145	19.1
U.S. HIGHWAY	37	10.5	984	10.1	1,947	8.8	2,968	9.2
STATE NUMBERED	73	20.7	1,629	16.6	2,658	12.0	4,360	13.5
SINGLE STATE LETTERED	63	17.9	1,276	13.0	1,508	6.8	2,847	8.8
DOUBLE STATE LETTERED	13	3.7	513	5.2	624	2.8	1,150	3.6
OUTER ROAD	2	0.6	45	0.5	125	0.6	172	0.5
COUNTY ROAD	51	14.5	1,621	16.6	2,836	12.8	4,508	14.0
CITY STREET	61	17.3	2,047	20.9	7,138	32.3	9,246	28.7
INTERSTATE LOOP	0	0.0	7	0.1	29	0.1	36	0.1
OTHER <sup>1</sup>	4	1.1	145	1.5	645	2.9	794	2.5
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>9,791</b>	<b>100.0</b>	<b>22,082</b>	<b>100.0</b>	<b>32,226</b>	<b>100.0</b>

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.10.7**

## 2008 FIXED OBJECT CRASHES

### HIGHWAY CLASSIFICATION BY AREA CLASSIFICATION AND CRASH SEVERITY

	URBAN								RURAL							
	PERSONAL INJURY				PROPERTY DAMAGE				PERSONAL INJURY				PROPERTY DAMAGE			
	FATAL	%			FATAL	%			FATAL	%			FATAL	%		
INTERSTATE	25	26.0	856	25.0	2,088	20.1	2,969	21.3	24	9.3	668	10.5	2,484	21.3	3,176	17.4
U.S. HIGHWAY	8	8.3	291	8.5	617	5.9	916	6.6	29	11.3	693	10.9	1,330	11.4	2,052	11.2
STATE NUMBERED	6	6.3	229	6.7	593	5.7	828	6.0	67	26.1	1,400	22.0	2,065	17.7	3,532	19.3
SINGLE STATE LETTERED	2	2.1	46	1.3	119	1.1	167	1.2	61	23.7	1,230	19.3	1,389	11.9	2,680	14.6
DOUBLE STATE LETTERED	0	0.0	30	0.9	78	0.8	108	0.8	13	5.1	483	7.6	546	4.7	1,042	5.7
OUTER ROAD	0	0.0	19	0.6	46	0.4	65	0.5	2	0.8	26	0.4	79	0.7	107	0.6
COUNTY ROAD	4	4.2	81	2.4	175	1.7	260	1.9	47	18.3	1,540	24.2	2,661	22.8	4,248	23.2
CITY STREET	50	52.1	1,794	52.4	6,265	60.3	8,109	58.3	11	4.3	253	4.0	873	7.5	1,137	6.2
INTERSTATE LOOP	0	0.0	4	0.1	20	0.2	24	0.2	0	0.0	3	0.1	9	0.1	12	0.1
OTHER <sup>1</sup>	1	1.0	75	2.2	395	3.8	471	3.4	3	1.2	70	1.1	250	2.1	323	1.8
TOTAL	96	100.0	3,425	100.0	10,396	100.0	13,917	100.0	257	100.0	6,366	100.0	11,686	100.0	18,309	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.10.8**

## 2008 FIXED OBJECT CRASHES

### TYPE OF OBJECT STRUCK BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
TREE	57	16.2	1,396	14.3	1,728	7.9	3,181	10.0
EMBANKMENT	87	24.7	2,025	20.7	2,307	10.6	4,419	13.8
GUARD RAIL FACE	14	4.0	488	5.0	1,270	5.8	1,772	5.5
GUARD RAIL END	7	2.0	132	1.4	261	1.2	400	1.3
UTILITY POLE	15	4.3	675	6.9	1,498	6.9	2,188	6.8
FENCE	18	5.1	485	5.0	1,654	7.6	2,157	6.7
STREET LIGHT SUPPORT	5	1.4	155	1.6	655	3.0	815	2.6
CULVERT	15	4.3	339	3.5	401	1.8	755	2.4
TRAFFIC SIGN POST	25	7.1	524	5.4	1,936	8.9	2,485	7.8
PIER / ABUTMENT	10	2.8	105	1.1	222	1.0	337	1.1
CURB	17	4.8	422	4.3	1,416	6.5	1,855	5.8
MAILBOX	13	3.7	224	2.3	926	4.2	1,163	3.6
CONCRETE TRAF. BARRIER	2	0.6	547	5.6	1,181	5.4	1,730	5.4
BUILDING	6	1.7	89	0.9	337	1.5	432	1.4
TRAFFIC SIGNAL SUPPORT	4	1.1	65	0.7	266	1.2	335	1.1
IMPACT ATTENUATOR	0	0.0	14	0.1	37	0.2	51	0.2
FIRE HYDRANT	0	0.0	43	0.4	308	1.4	351	1.1
BRIDGE PARAPET END	3	0.9	11	0.1	12	0.1	26	0.1
BRIDGE RAIL	1	0.3	93	1.0	223	1.0	317	1.0
MEDIAN BARRIER	4	1.1	265	2.7	1,636	7.5	1,905	6.0
OVERHEAD SIGN SUPPORT	0	0.0	5	0.1	18	0.1	23	0.1
DITCH	26	7.4	1,154	11.8	1,830	8.4	3,010	9.4
OTHER POST	9	2.6	119	1.2	491	2.3	619	1.9
WALL	1	0.3	113	1.2	224	1.0	338	1.1
OTHER	13	3.7	275	2.8	1,031	4.7	1,319	4.1
FIXED OBJECT TYPE UNKNOWN	1	-	28	-	214	-	243	-
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>9,791</b>	<b>100.0</b>	<b>22,082</b>	<b>100.0</b>	<b>32,226</b>	<b>100.0</b>

**TABLE 3.10.9**

**2008 MISSOURI FIXED OBJECT CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	3,143	9.8
FEBRUARY	3,755	11.7
MARCH	2,363	7.3
APRIL	2,200	6.8
MAY	2,382	7.4
JUNE	2,366	7.3
JULY	2,422	7.5
AUGUST	2,231	6.9
SEPTEMBER	2,356	7.3
OCTOBER	2,262	7.0
NOVEMBER	2,523	7.8
DECEMBER	4,223	13.1
<b>TOTAL</b>	32,226	100.0

**TABLE 3.10.10**

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**2008 MISSOURI FIXED OBJECT CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	4,558	14.2
MONDAY	4,218	13.1
TUESDAY	4,983	15.5
WEDNESDAY	4,167	13.0
THURSDAY	4,940	15.4
FRIDAY	4,555	14.2
SATURDAY	4,725	14.7
<b>TOTAL</b>	32,146	100.0

Unknown Data Not Included

**TABLE 3.10.11**

## 2008 MISSOURI FIXED OBJECT CRASHES

### HOUR OF DAY

HOURL	FREQUENCY	PERCENT
12:01A - 12:59A	1,327	4.2
01:00A - 01:59A	1,328	4.2
02:00A - 02:59A	1,051	3.3
03:00A - 03:59A	897	2.8
04:00A - 04:59A	691	2.2
05:00A - 05:59A	842	2.7
06:00A - 06:59A	1,289	4.1
07:00A - 07:59A	1,783	5.6
08:00A - 08:59A	1,532	4.8
09:00A - 09:59A	1,280	4.0
10:00A - 10:59A	1,279	4.0
11:00A - 11:59A	1,298	4.1
NOON - 12:59P	1,379	4.4
01:00P - 01:59P	1,405	4.4
02:00P - 02:59P	1,493	4.7
03:00P - 03:59P	1,664	5.3
04:00P - 04:59P	1,642	5.2
05:00P - 05:59P	1,493	4.7
06:00P - 06:59P	1,398	4.4
07:00P - 07:59P	1,379	4.4
08:00P - 08:59P	1,286	4.1
09:00P - 09:59P	1,341	4.2
10:00P - 10:59P	1,377	4.3
11:00P - MIDNIGHT	1,256	4.0
<b>TOTAL</b>	31,710	100.0

Unknown Data Not Included

**TABLE 3.10.12**

## 2008 MISSOURI FIXED OBJECT CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL FIXED OBJECT CRASHES = 353				TOTAL FIXED OBJECT CRASHES = 32,226		
	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	VEHICLE/DRIVER STRIKING OBJ.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.3	0.0	0.3	3.7	0.0	3.7
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.0	0.0	0.1
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	59.5	0.3	59.8	45.4	0.3	45.5
IMPROPER PASSING	0.6	0.0	0.6	0.4	0.0	0.4
VIOLATION OF STOP SIGN	0.6	0.0	0.6	1.0	0.0	1.0
WRONG SIDE NOT PASSING	6.8	0.0	6.8	2.2	0.0	2.2
FOLLOWING TOO CLOSE	0.0	0.0	0.0	0.7	0.0	0.7
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.3	0.0	0.3	0.9	0.0	0.9
IMPROPER TURN	0.0	0.0	0.0	2.7	0.0	2.7
IMPROPER LANE USAGE / CHANGE	26.1	0.0	26.1	12.0	0.1	12.0
WRONG WAY ONE-WAY STREET	0.3	0.0	0.3	0.1	0.0	0.1
IMPROPER START FROM PARK	0.3	0.0	0.3	0.1	0.0	0.1
IMPROPERLY PARKED	0.0	0.0	0.0	0.2	0.0	0.2
FAILED TO YIELD	0.8	0.0	0.8	0.5	0.0	0.5
DRINKING	37.7	0.0	37.7	12.7	0.0	12.7
DRUGS	5.1	0.0	5.1	1.6	0.0	1.6
PHYSICAL IMPAIRMENT	6.5	0.0	6.5	5.6	0.0	5.6
INATTENTION	20.4	0.0	20.4	21.2	0.0	21.2

<sup>1</sup>This table identifies the proportion of fixed object crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the proportion of crashes where the contributing circumstance was associated with the driver or vehicle striking the fixed object as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri fixed object crashes, it was found that the driver of the vehicle striking the fixed object was speeding in 45.4% of the crashes. In 0.3% of the crashes another driver was speeding. In 45.5% of the crashes either the driver of the vehicle striking the fixed object, another driver, or both drivers were speeding.

**TABLE 3.10.13**

**2008 MISSOURI FIXED OBJECT CRASHES<sup>1</sup>**

**TYPE OF VEHICLE STRIKING FIXED OBJECT BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
AUTOMOBILE	159	45.0	5,241	53.5	11,954	55.3	17,354	54.6
SPORT UTILITY VEHICLE	56	15.9	1,554	15.9	3,028	14.0	4,638	14.6
LIMOUSINE	0	0.0	2	0.0	2	0.0	4	0.0
VAN	14	4.0	469	4.8	963	4.5	1,446	4.6
BUS	1	0.3	8	0.1	78	0.4	87	0.3
SCHOOL BUS	0	0.0	10	0.1	50	0.2	60	0.2
MOTORCYCLE	35	9.9	38.4	3.9	45	0.2	464	1.5
ALL TERRAIN VEHICLE	5	1.4	56	0.6	5	0.0	66	0.2
MOPED	0	0.0	1.5	0.2	1	0.0	16	0.1
MOTOR HOME / CAMPER	0	0.0	2	0.0	15	0.1	17	0.1
FARM EQUIPMENT	0	0.0	2	0.0	10	0.1	12	0.0
CONSTRUCTIONEQUIPMENT	0	0.0	0	0.0	17	0.1	17	0.1
OTHER TRANSPORT DEVICE	1	0.3	4	0.0	20	0.1	25	0.1
PICKUP TRUCK	73	20.7	1,830	18.7	4,017	18.6	5,920	18.6
OTHER TRUCKS	9	2.6	213	2.2	1,410	6.5	1,632	5.1
UNKNOWN	0	-	1	-	467	-	468	-
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>9,791</b>	<b>100.0</b>	<b>22,082</b>	<b>100.0</b>	<b>32,226</b>	<b>100.0</b>

<sup>1</sup>This table includes only those vehicles striking a fixed object during the first harmful event in a crash.

**TABLE 3.10.14**

# VEHICLES STRIKING FIXED OBJECTS IN 2008 MISSOURI CRASHES<sup>1</sup>

## DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	7	0.1	136	0.6	143	0.4
KNOWN DRIVER INVOLVED	353	100.0	9,718	99.3	19,788	89.6	29,859	92.7
UNKNOWN DRIVER INVOLVED	0	0.0	66	0.7	2,158	9.8	2,224	6.9
<b>TOTAL</b>	353	100.0	9,791	100.0	22,082	100.0	32,226	100.0

<sup>1</sup>This table includes only vehicles striking fixed objects during the first harmful event in a crash.

**TABLE 3.10.15**

# DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2008 MISSOURI CRASHES<sup>1</sup>

## SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	272	77.1	5,777	59.5	12,734	64.7	18,783	63.2
FEMALE	81	23.0	3,935	40.5	6,940	35.3	10,956	36.8
UNKNOWN	0	-	79	-	2,408	-	2,487	-
<b>TOTAL</b>	353	100.0	9,791	100.0	22,082	100.0	32,226	100.0

<sup>1</sup>The table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

**TABLE 3.10.16**

**DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2008 MISSOURI CRASHES<sup>1</sup>**

**AGE OF DRIVER BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>AVERAGE AGE OF DRIVER</b>	39.1	-	34.5	-	34.6	-	34.6	-
14 YEARS AND UNDER	2	0.6	77	0.8	99	0.5	178	0.6
15 - 20 YEARS	64	18.1	2,344	24.2	4,325	21.9	6,733	22.6
21 - 25 YEARS	52	14.7	1,558	16.1	3,282	16.7	4,892	16.4
26 - 30 YEARS	38	10.8	1,091	11.3	2,403	12.2	3,532	11.9
31 - 35 YEARS	22	6.2	716	7.4	1,660	8.4	2,398	8.1
36 - 40 YEARS	23	6.5	740	7.6	1,525	7.7	2,288	7.7
41 - 45 YEARS	34	9.6	759	7.8	1,491	7.6	2,284	7.7
46 - 50 YEARS	28	7.9	635	6.6	1,422	7.2	2,085	7.0
51 - 55 YEARS	22	6.2	548	5.7	1,102	5.6	1,672	5.6
56 - 60 YEARS	16	4.5	374	3.9	833	4.2	1,223	4.1
61 - 65 YEARS	12	3.4	301	3.1	600	3.0	913	3.1
66 YEARS AND OVER	40	11.3	544	5.6	967	4.9	1,551	5.2
UNKNOWN	0	-	104	-	2,373	-	2,477	-
<b>TOTAL</b>	353	100.0	9,791	100.0	22,082	100.0	32,226	100.0

<sup>1</sup>This table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

**TABLE 3.10.17**

**DRIVERS OF VEHICLES STRIKING FIXED OBJECTS IN 2008 MISSOURI CRASHES<sup>1</sup>**

**DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY**

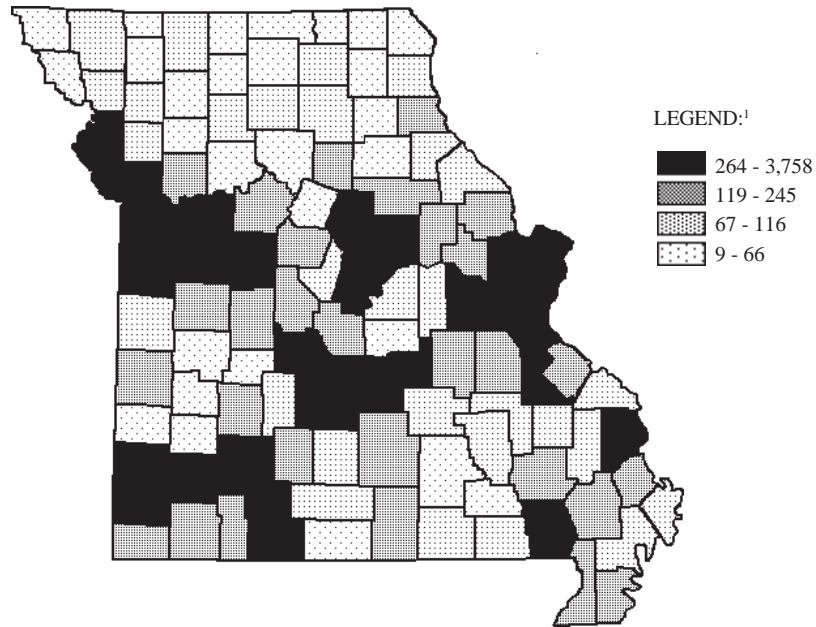
	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>MISSOURI</b>								
LEARNER'S PERMIT	2	0.6	84	0.9	137	0.7	223	0.8
OPERATOR'S LICENSE	246	70.1	7,457	78.3	14,395	75.1	22,098	76.1
MOTORCYCLE ONLY	0	0.0	2	0.0	0	0.0	2	0.0
COMMERCIAL DRIVER'S LICENSE	21	6.0	461	4.8	1,277	6.7	1,759	6.1
SUBTOTAL	269	76.6	8,004	84.0	15,809	82.5	24,082	82.9
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	3	0.0	6	0.0	9	0.0
OPERATOR'S LICENSE	23	6.6	686	7.2	1,932	10.1	2,641	9.1
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	5	1.4	94	1.0	588	3.1	687	2.4
SUBTOTAL	28	8.0	783	8.2	2,526	13.2	3,337	11.5
UNLICENSED	54	15.4	738	7.8	833	4.4	1,625	5.6
UNKNOWN	2	-	266	-	2,914	-	3,182	-
<b>TOTAL</b>	<b>353</b>	<b>100.0</b>	<b>9,791</b>	<b>100.0</b>	<b>22,082</b>	<b>100.0</b>	<b>32,226</b>	<b>100.0</b>

<sup>1</sup>This table includes only drivers of vehicles striking fixed objects during the first harmful event in a crash.

**TABLE 3.10.18**

## 2008 FIXED OBJECT INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	3,758	11.7	22.0	LAFAYETTE	327	1.0
2.0	JACKSON	3,411	10.6	23.0	JOHNSON	326	1.0
3.0	ST. LOUIS CITY	2,301	7.1	24.0	COLE	296	0.9
4.0	ST. CHARLES	1,353	4.2	25.0	BUTLER	288	0.9
5.0	JEFFERSON	1,249	3.9	26.5	CAMDEN	269	0.8
6.0	CLAY	1,108	3.4	26.5	LAWRENCE	269	0.8
7.0	GREENE	941	2.9	28.0	CHRISTIAN	268	0.8
8.0	FRANKLIN	781	2.4	29.0	PETTIS	264	0.8
9.0	BOONE	645	2.0				First Quartile
10.0	PLATTE	634	2.0				Second Quartile
11.0	JASPER	595	1.8	30.0	SCOTT	245	0.8
12.0	BUCHANAN	547	1.7	31.0	CRAWFORD	244	0.8
13.0	PHELPS	507	1.6	32.0	HOWELL	241	0.7
14.0	CASS	414	1.3	33.0	LINCOLN	240	0.7
15.0	NEWTON	407	1.3	34.0	WEBSTER	233	0.7
16.0	CAPE GIRARDEAU	397	1.2	35.0	BARRY	232	0.7
17.0	PULASKI	386	1.2	36.0	SALINE	219	0.7
18.0	CALLAWAY	382	1.2	37.0	WARREN	211	0.7
19.0	TANEY	350	1.1	38.5	COOPER	208	0.6
20.0	ST. FRANCOIS	346	1.1	38.5	MARION	208	0.6
21.0	LACLEDE	338	1.0				

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
40.0	STONE	200	0.6	77.5	MADISON	81	0.3
41.0	MCDONALD	198	0.6	79.0	MONITEAU	79	0.2
42.0	STODDARD	197	0.6	80.5	ADAIR	78	0.2
43.0	MILLER	185	0.6	80.5	IRON	78	0.2
44.0	WASHINGTON	174	0.5	82.0	HARRISON	75	0.2
45.0	TEXAS	162	0.5	83.5	LINN	69	0.2
46.0	RANDOLPH	161	0.5	83.5	REYNOLDS	69	0.2
47.0	STE. GENEVIEVE	159	0.5	86.0	DE KALB	67	0.2
48.0	BENTON	158	0.5	86.0	LEWIS	67	0.2
49.0	DUNKLIN	156	0.5	86.0	MISSISSIPPI	67	0.2
50.0	PEMISCOT	155	0.5	Third Quartile			
51.0	POLK	154	0.5	Fourth Quartile			
52.0	MORGAN	152	0.5	88.5	HOWARD	66	0.2
53.0	MONTGOMERY	148	0.5	88.5	ST. CLAIR	66	0.2
54.0	WAYNE	129	0.4	90.0	MARIES	64	0.2
55.0	VERNON	128	0.4	91.0	BARTON	62	0.2
56.0	AUDRAIN	126	0.4	92.5	CARROLL	59	0.2
57.5	HENRY	119	0.4	92.5	OZARK	59	0.2
57.5	RAY	119	0.4	94.0	HOLT	58	0.2
Second Quartile				95.0	CEDAR	57	0.2
Third Quartile				96.5	DAVISS	56	0.2
59.0	RIPLEY	116	0.4	96.5	GRUNDY	56	0.2
60.0	CLINTON	111	0.3	99.5	ATCHISON	54	0.2
61.0	GASCONADE	110	0.3	99.5	CALDWELL	54	0.2
62.5	ANDREW	108	0.3	99.5	CARTER	54	0.2
62.5	NEW MADRID	108	0.3	99.5	MONROE	54	0.2
64.0	LIVINGSTON	107	0.3	102.0	SULLIVAN	49	0.2
65.0	PERRY	105	0.3	103.0	SHANNON	44	0.1
66.0	RALLS	99	0.3	104.0	GENTRY	40	0.1
67.0	OSAGE	97	0.3	105.5	CHARITON	37	0.1
68.0	WRIGHT	96	0.3	105.5	HICKORY	37	0.1
69.0	PIKE	95	0.3	107.0	PUTNAM	34	0.1
70.5	DENT	94	0.3	108.0	DADE	29	0.1
70.5	OREGON	94	0.3	109.0	SCOTLAND	27	0.1
72.0	BATES	91	0.3	110.5	CLARK	23	0.1
73.5	MACON	89	0.3	110.5	SHELBY	23	0.1
73.5	NODAWAY	89	0.3	112.0	MERCER	19	0.1
75.0	DALLAS	86	0.3	113.0	SCHUYLER	18	0.1
76.0	BOLLINGER	83	0.3	114.0	WORTH	10	0.0
77.5	DOUGLAS	81	0.3	115.0	KNOX	9	0.0

**TABLE 3.10.19**

## 2008 FIXED OBJECT INVOLVED CRASHES

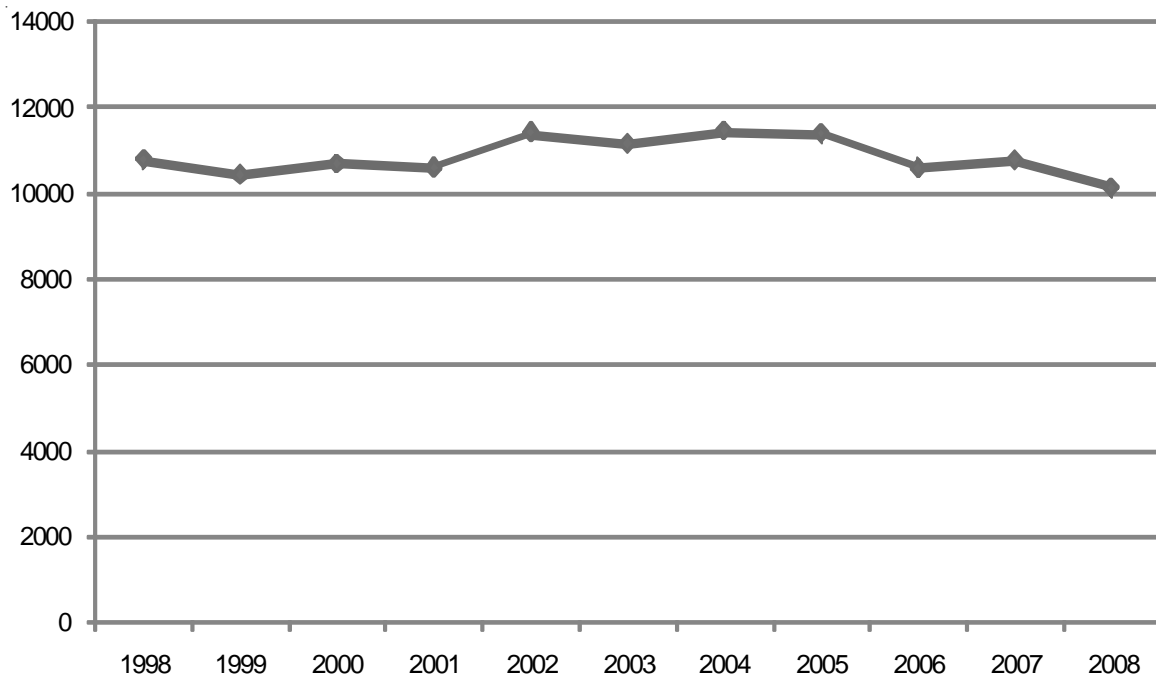
### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	2,809	17.5
2.0	ST. LOUIS	2,301	14.3
3.0	SPRINGFIELD	475	3.0
4.0	INDEPENDENCE	437	2.7
5.0	ST. JOSEPH	429	2.7
6.0	LEE'S SUMMIT	330	2.1
7.0	COLUMBIA	327	2.0
8.0	ST. CHARLES	263	1.6
9.0	JOPLIN	245	1.5
10.0	ST. PETERS	194	1.2
11.0	CAPE GIRARDEAU	180	1.1
12.0	O'FALLON	166	1.0
13.5	CHESTERFIELD	161	1.0
13.5	MARYLAND HEIGHTS	161	1.0
15.0	JEFFERSON CITY	158	1.0
16.0	BRIDGETON	154	1.0
17.0	BLUE SPRINGS	146	0.9
18.5	ROLLA	137	0.9
18.5	SUNSET HILLS	137	0.9
20.0	FLORISSANT	135	0.8
21.0	WENTZVILLE	133	0.8
22.5	LIBERTY	129	0.8
22.5	WILDWOOD	129	0.8
24.0	HAZELWOOD	125	0.8
25.0	BERKELEY	123	0.8
26.0	POPLAR BLUFF	112	0.7
27.0	KIRKWOOD	108	0.7
28.0	HANNIBAL	102	0.6
29.0	SEDALIA	88	0.5
30.0	BRANSON	87	0.5
31.0	CREVE COEUR	86	0.5
32.0	RAYTOWN	85	0.5
34.0	ARNOLD	84	0.5
34.0	ST. ROBERT	84	0.5
34.0	UNIVERSITY CITY	84	0.5
36.0	CLAYTON	83	0.5
37.0	GLADSTONE	78	0.5
38.0	GRANDVIEW	76	0.5
39.0	PEVELY	75	0.5
40.0	WARRENSBURG	74	0.5
41.5	BALLWIN	73	0.5
41.5	FENTON	73	0.5

<sup>1</sup>Percentage is based on fixed object involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 0.5% or more of these crashes are listed.

**TABLE 3.10.20**

**MISSOURI FATAL AND PERSONAL INJURY FIXED OBJECT CRASHES  
ANNUAL TIME SERIES**



**FIGURE 3.10.1**

### 3.11 HAZARDOUS MATERIAL INVOLVEMENT

***This section presents a series of data displays which identify hazardous material involvement in Missouri's traffic crash experience. Hazardous material traffic crashes are defined as any crash in which one or more of the vehicles involved were carrying hazardous materials. Data displays also are provided which identify characteristics about the type of hazardous material being carried as well as the vehicle and driver transporting the material.***

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 0.1% involved hazardous materials. Of all fatal traffic crashes, 0.5% were hazardous material related. Five people were killed and 32 were injured in traffic crashes involving hazardous materials.
- There was a decrease of 5.0% in the rate of change when comparing all 2008 hazardous material involved traffic crash activity with that in 2007.
- In 2008, one person was killed or injured in hazardous material involved traffic crashes every 9.9 days in the State of Missouri.
- Of all 2008 hazardous material traffic crashes, the first harmful event in 55.8% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. The first harmful event in 22.1% of the cases was a motor vehicle in transport striking a fixed object and in 9.7% of the incidents a motor vehicle overturned.
- Of all 2008 hazardous material traffic crashes, 26.6% occurred in urban areas and 73.5% occurred in rural areas of the State. All four fatal crashes occurred in a rural area.
- Of all vehicles carrying hazardous materials in traffic crashes, 60.5% were two-unit trucks and 28.1% were single unit trucks.
- Of all vehicles carrying hazardous materials, 13.2% had their materials released as a result of the traffic crash.
- Of the drivers transporting hazardous materials in 2008 traffic crashes, 94.7% were male and 5.3% were female. The average age of the driver was 44.5 years.
- Of the drivers, 65.2% had a Missouri driver's license and 34.8% had an out-of-state driver's license at the time of the crash.

**2008 MISSOURI TRAFFIC CRASHES**  
**HAZARDOUS MATERIAL INVOLVEMENT**

	FATAL		PERSONAL INJURY		PROPERTY DAMAGE		TOTAL		TOTAL NUMBER <sup>1</sup>		DRIVERS/PASSENGERS OF VEHICLES CARRYING HAZARDOUS MATERIALS <sup>2</sup>	
		%		%		%		%	KILLED	INJURED	KILLED	INJURED
HAZARDOUS MATERIALS INVOLVED	4	0.5	26	0.1	83	0.1	113	0.1	5	32	2	12
NO HAZARDOUS MATERIALS INVOLVED	841	99.5	38,014	99.9	116,881	99.9	155,736	99.9	955	55,117	-	-
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>	<b>55,149</b>	<b>2</b>	<b>12</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where hazardous materials were involved.

<sup>2</sup>This statistic indicates the number of drivers and passengers of vehicles carrying hazardous materials killed and injured.

**TABLE 3.11.1**

### 2007 and 2008 HAZARDOUS MATERIAL INVOLVED CRASH ANALYSIS

	2007	2008	RATE OF CHANGE
FATAL	6	4	-33.3
PERSONAL INJURY	38	26	-31.6
PROPERTY DAMAGE	75	83	-10.7
TOTAL	119	113	-5.0

**TABLE 3.11.2**

### 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

#### CRASH TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
ANIMAL	0	0.0	0	0.0	4	4.8	4	3.5
BICYCLIST	0	0.0	0	0.0	0	0.0	0	0.0
FIXED OBJECT	3	75.0	8	30.8	14	16.9	25	22.1
OTHER OBJECT	0	0.0	0	0.0	2	2.4	2	1.8
PEDESTRIAN	0	0.0	0	0.0	0	0.0	0	0.0
TRAIN	0	0.0	0	0.0	1	1.2	1	0.9
VEHICLE IN TRANSPORT	1	25.0	13	50.0	49	59.0	63	55.8
VEHICLE ON OTHER ROADWAY	0	0.0	0	0.0	1	1.2	1	0.9
PARKED VEHICLE	0	0.0	0	0.0	0	0.0	0	0.0
NONCOLLISION OVERTURN	0	0.0	5	19.2	6	7.2	11	9.7
NONCOLLISION OTHER	0	0.0	0	0.0	6	7.2	6	5.3
<b>TOTAL</b>	4	100.0	26	100.0	83	100.0	113	100.0

**TABLE 3.11.3**

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### AREA CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
URBAN	0	0.0	6	23.1	24	28.9	30	26.6
RURAL	4	100.0	20	76.9	59	71.1	83	73.5
<b>TOTAL</b>	4	100.0	26	100.0	83	100.0	113	100.0

TABLE 3.11.4

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### ROAD CURVATURE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
STRAIGHT	3	75.0	19	73.1	67	81.7	89	79.5
CURVE	1	25.0	7	26.9	15	18.3	23	20.5
UNKNOWN	0	-	0	-	1	-	1	-
<b>TOTAL</b>	4	100.0	26	100.0	83	100.0	113	100.0

TABLE 3.11.5

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### ROAD INCLINE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
LEVEL	2	50.0	11	42.3	57	69.5	70	62.5
HILL	2	50.0	15	57.7	23	28.1	40	35.7
CREST	0	0.0	0	0.0	2	2.4	2	1.8
UNKNOWN	0	-	0	-	1	-	1	-
<b>TOTAL</b>	4	100.0	26	100.0	83	100.0	113	100.0

TABLE 3.11.6

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	1	25.0	18	69.2	66	79.5	85	75.2
WET	3	75.0	4	15.4	14	16.9	21	18.6
SNOW	0	0.0	2	7.7	2	2.4	4	3.5
ICE	0	0.0	2	7.7	1	1.2	3	2.7
SLUSH	0	0.0	0	0.0	0	0.0	0	0.0
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	0	-	0	-	0	-
<b>TOTAL</b>	<b>4</b>	<b>100.0</b>	<b>26</b>	<b>100.0</b>	<b>83</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>

TABLE 3.11.7

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	2	50.0	5	19.2	21	25.3	28	24.8
U.S. HIGHWAY	1	25.0	6	23.1	15	18.1	22	19.5
STATE NUMBERED	1	25.0	5	19.2	17	20.5	23	20.4
SINGLE STATE LETTERED	0	0.0	3	11.5	7	8.4	10	8.9
DOUBLE STATE LETTERED	0	0.0	2	7.7	1	1.2	3	2.7
OUTER ROAD	0	0.0	1	3.9	0	0.0	1	0.9
COUNTY ROAD	0	0.0	2	7.7	4	4.8	6	5.3
CITY STREET	0	0.0	1	3.9	15	18.1	16	14.2
INTERSTATE LOOP	0	0.0	0	0.0	0	0.0	0	0.0
OTHER <sup>1</sup>	0	0.0	1	3.9	3	3.6	4	3.5
<b>TOTAL</b>	<b>4</b>	<b>100.0</b>	<b>26</b>	<b>100.0</b>	<b>83</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>

<sup>1</sup>"Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

TABLE 3.11.8

## 2008 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES

### MONTH OF YEAR

MONTH	FREQUENCY	PERCENT
JANUARY	11	9.7
FEBRUARY	8	7.1
MARCH	5	4.4
APRIL	11	9.7
MAY	11	9.7
JUNE	4	3.5
JULY	11	9.7
AUGUST	13	11.5
SEPTEMBER	8	7.1
OCTOBER	11	9.7
NOVEMBER	9	8.0
DECEMBER	11	9.7
<b>TOTAL</b>	113	100.0

**TABLE 3.11.9**

## 2008 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES

### DAY OF WEEK

DAY	FREQUENCY	PERCENT
SUNDAY	4	3.5
MONDAY	17	15.0
TUESDAY	28	24.8
WEDNESDAY	22	19.5
THURSDAY	18	15.9
FRIDAY	15	13.3
SATURDAY	9	8.0
<b>TOTAL</b>	113	100.0

**TABLE 3.11.10**

**2008 MISSOURI HAZARDOUS MATERIAL INVOLVED CRASHES**

**HOUR OF DAY**

<b>HOUR</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
12:01A - 12:59A	0	0.0
01:00A - 01:59A	0	0.0
02:00A - 02:59A	2	1.8
03:00A - 03:59A	3	2.7
04:00A - 04:59A	3	2.7
05:00A - 05:59A	4	3.5
06:00A - 06:59A	6	5.3
07:00A - 07:59A	5	4.4
08:00A - 08:59A	12	10.6
09:00A - 09:59A	4	3.5
10:00A - 10:59A	7	6.2
11:00A - 11:59A	8	7.1
NOON - 12:59P	7	6.2
01:00P - 01:59P	9	8.0
02:00P - 02:59P	8	7.1
03:00P - 03:59P	10	8.9
04:00P - 04:59P	11	9.7
05:00P - 05:59P	3	2.7
06:00P - 06:59P	1	0.9
07:00P - 07:59P	2	1.8
08:00P - 08:59P	3	2.7
09:00P - 09:59P	1	0.9
10:00P - 10:59P	3	2.7
11:00P - MIDNIGHT	1	0.9
<b>TOTAL</b>	113	100.0

Unknown Data Not Included

**TABLE 3.11.11**

# VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2008 MISSOURI CRASHES

## TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
PASSENGER CAR	0	0.0	1	3.7	1	1.2	2	1.8
SUV	0	0.0	0	0.0	2	2.4	2	1.8
VAN	0	0.0	0	0.0	2	2.4	2	1.8
FARMEQUIPMENT	0	0.0	0	0.0	1	1.2	1	0.9
OTHER TRANSPORT DEVICE	0	0.0	0	0.0	0	0.0	0	0.0
PICKUP TRUCK	0	0.0	1	3.7	5	6.0	6	5.3
SINGLE UNIT TRUCK	0	0.0	12	44.4	20	24.1	32	28.1
TWO UNIT TRUCK	4	100.0	13	48.2	52	62.7	69	60.5
<b>TOTAL</b>	4	100.0	27	100.0	83	100.0	114	100.0

**TABLE 3.11.12**

# VEHICLES CARRYING HAZARDOUS MATERIALS INVOLVED IN 2008 MISSOURI CRASHES

## TYPE OF HAZARDOUS MATERIAL CARRIED BY SPILLAGE AND CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>SPILLED</b>								
GASES IN BULK	0	0.0	1	3.7	0	0.0	1	0.9
SOLIDS IN BULK	0	0.0	0	0.0	2	2.4	2	1.8
LIQUIDS IN BULK	1	25.0	6	22.2	5	6.0	12	10.5
EXPLOSIVES	0	0.0	0	0.0	0	0.0	0	0.0
SUBTOTAL	1	25.0	7	25.9	7	8.4	15	13.2
<b>NOT SPILLED</b>								
GASES IN BULK	0	0.0	5	18.5	19	22.9	24	21.1
SOLIDS IN BULK	0	0.0	2	7.4	8	9.6	10	8.8
LIQUIDS IN BULK	3	75.0	10	37.0	45	54.2	58	50.9
EXPLOSIVES	0	0.0	3	11.1	4	4.8	7	6.1
SUBTOTAL	3	75.0	20	74.1	76	91.6	99	86.8
<b>TOTAL</b>	4	100.0	27	100.0	83	100.0	114	100.0

**TABLE 3.11.13**

## 2008 MISSOURI HAZARDOUS MATERIAL CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY AND PERSON CLASSIFICATION<sup>1</sup>

FATAL HAZARDOUS MATERIAL CRASHES = 4				TOTAL HAZARDOUS MATERIAL CRASHES = 114		
	HAZARDOUS MATERIAL DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL FATAL	HAZARDOUS MATERIAL DRIVER/VEH.	OTHER DRIVER/ VEHICLE/PED.	TOTAL CRASHES
VEHICLE DEFECTS	0.0	0.0	0.0	7.1	1.8	8.8
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY STOPPED ON ROADWAY	0.0	0.0	0.0	0.0	0.0	0.0
EXCEEDING SPEED LIMIT/ TOO FAST FOR CONDITIONS	0.0	25.0	25.0	8.8	7.1	15.9
IMPROPER PASSING	0.0	0.0	0.0	0.9	3.5	4.4
VIOLATION OF STOP SIGN	0.0	0.0	0.0	3.5	0.9	4.4
WRONG SIDE NOT PASSING	0.0	0.0	0.0	0.0	2.7	2.7
FOLLOWING TOO CLOSE	0.0	0.0	0.0	6.2	1.8	7.1
IMPROPER SIGNAL	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER BACKING	0.0	0.0	0.0	0.9	0.9	1.8
IMPROPER TURN	0.0	0.0	0.0	3.5	0.0	3.5
IMPROPER LANE USAGE / CHANGE	25.0	0.0	25.0	10.6	7.1	17.7
WRONG WAY ONE-WAY STREET	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPER START FROM PARK	0.0	0.0	0.0	0.0	0.0	0.0
IMPROPERLY PARKED	0.0	0.0	0.0	0.0	0.0	0.0
FAILED TO YIELD	0.0	25.0	25.0	7.1	7.1	14.2
DRINKING	0.0	0.0	0.0	0.0	3.5	3.5
DRUGS	0.0	0.0	0.0	0.9	0.0	0.9
PHYSICAL IMPAIRMENT	0.0	0.0	0.0	3.5	0.9	4.4
INATTENTION	25.0	0.0	25.0	15.0	8.8	22.1

<sup>1</sup>This table identifies the percentage of hazardous material crashes having a specific type of circumstance which contributed to the cause of the crash. This table further defines the percentage of crashes where the contributing circumstance was associated with the driver of the vehicle carrying hazardous materials or his vehicle as well as those attributed to other persons and vehicles in the crash. For instance, when examining speed involvement in 2008 Missouri hazardous material crashes, it was found that the driver of a vehicle carrying hazardous materials was speeding in 8.8% of the crashes. In 7.1% of the crashes another driver was speeding. In 15.9% of the crashes either the driver of the vehicle carrying hazardous materials, another driver, or both drivers were speeding.

**TABLE 3.11.11**

# VEHICLES CARRYING HAZARDOUS MATERIALS IN 2008 MISSOURI CRASHES

## DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	4	100.0	27	100.0	83	100.0	114	100.0
UNKNOWN DRIVER INVOLVED	0	0.0	0	0.0	0	0.0	0	0.0
<b>TOTAL</b>	4	100.0	27	100.0	83	100.0	114	100.0

TABLE 3.11.15

# DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2008 MISSOURI CRASHES

## SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	4	100.0	24	88.9	80	96.4	108	94.7
FEMALE	0	0.0	3	11.1	3	3.6	6	5.3
UNKNOWN	0	-	0	-	0	-	0	-
<b>TOTAL</b>	4	100.0	27	100.0	83	100.0	114	100.0

TABLE 3.11.16

# DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2008 MISSOURI CRASHES

## AGE OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>AVERAGE AGE OF DRIVER</b>	50.0	-	44.3	-	44.3	-	44.5	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	0	0.0	0	0.0	3	3.6	3	2.6
21 - 25 YEARS	0	0.0	3	11.1	3	3.6	6	5.3
26 - 30 YEARS	0	0.0	3	11.1	4	4.8	7	6.1
31 - 35 YEARS	0	0.0	0	0.0	11	13.3	11	9.7
36 - 40 YEARS	1	25.0	3	11.1	13	15.7	17	14.9
41 - 45 YEARS	0	0.0	4	14.8	8	9.6	12	10.5
46 - 50 YEARS	2	50.0	6	22.2	11	13.3	19	16.7
51 - 55 YEARS	0	0.0	2	7.4	12	14.5	14	12.3
56 - 60 YEARS	0	0.0	5	18.5	11	13.3	16	14.0
61 - 65 YEARS	1	25.0	1	3.7	4	4.8	6	5.3
66 YEARS AND OVER	0	0.0	0	0.0	3	3.6	3	2.6
UNKNOWN	0	-	0	-	0	-	0	-
<b>TOTAL</b>	4	100.0	27	100.0	83	100.0	114	100.0

TABLE 3.11.17

# DRIVERS OF VEHICLES CARRYING HAZARDOUS MATERIALS IN 2008 MISSOURI CRASHES

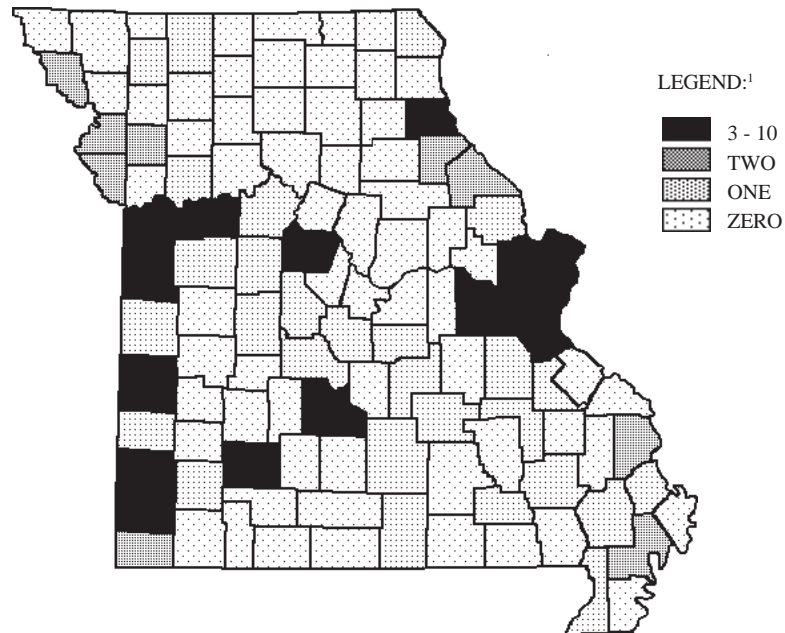
## DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
<b>MISSOURI</b>								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	1	3.9	13	15.9	14	12.5
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	3	75.0	14	53.9	42	51.2	59	52.7
SUBTOTAL	3	75.0	15	57.7	55	67.1	73	65.2
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	0	0.0	0	0.0	0	0.0
OPERATOR'S LICENSE	0	0.0	1	3.9	3	3.7	4	3.6
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	1	25.0	10	38.5	24	29.3	35	31.3
SUBTOTAL	1	25.0	11	42.3	27	32.9	39	34.8
UNLICENSED	0	0.0	0	0.0	0	0.0	0	0.0
UNKNOWN	0	-	1	-	1	-	2	-
<b>TOTAL</b>	<b>4</b>	<b>100.0</b>	<b>27</b>	<b>100.0</b>	<b>83</b>	<b>100.0</b>	<b>114</b>	<b>100.0</b>

**TABLE 3.11.18**

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	10	8.8	20.0	HOLT	2	1.8
2.5	JACKSON	8	7.1	20.0	MCDONALD	2	1.8
2.5	JEFFERSON	8	7.1	20.0	NEW MADRID	2	1.8
4.5	GREENE	5	4.4	20.0	PIKE	2	1.8
4.5	NEWTON	5	4.4	20.0	PLATTE	2	1.8
6.0	FRANKLIN	4	3.5	20.0	RALLS	2	1.8
11.0	CASS	3	2.7	Second Quartile			
11.0	COOPER	3	2.7	Third Quartile			
11.0	JASPER	3	2.7	38.5	BARTON	1	0.9
11.0	LACLEDE	3	2.7	38.5	BATES	1	0.9
11.0	LAFAYETTE	3	2.7	38.5	BENTON	1	0.9
11.0	MARION	3	2.7	38.5	CAMDEN	1	0.9
11.0	ST. CHARLES	3	2.7	38.5	CARTER	1	0.9
11.0	VERNON	3	2.7	38.5	CLARK	1	0.9
11.0	ST. LOUIS CITY	3	2.7	38.5	DENT	1	0.9
First Quartile				38.5	DUNKLIN	1	0.9
Second Quartile				38.5	GENTRY	1	0.9
20.0	BUCHANAN	2	1.8	38.5	HARRISON	1	0.9
20.0	CAPE GIRARDEAU	2	1.8	38.5	HOWELL	1	0.9
20.0	CLINTON	2	1.8	38.5	IRON	1	0.9

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
38.5	JOHNSON	1	0.9	84.0	GASCONADE	0	0.0
38.5	LAWRENCE	1	0.9	84.0	GRUNDY	0	0.0
38.5	LINCOLN	1	0.9	84.0	HENRY	0	0.0
38.5	MARIES	1	0.9	84.0	HICKORY	0	0.0
38.5	MILLER	1	0.9	84.0	HOWARD	0	0.0
38.5	MORGAN	1	0.9	84.0	KNOX	0	0.0
38.5	PETTIS	1	0.9	84.0	LEWIS	0	0.0
38.5	PHELPS	1	0.9	84.0	LINN	0	0.0
38.5	RAY	1	0.9	84.0	LIVINGSTON	0	0.0
38.5	ST. FRANCOIS	1	0.9	84.0	MACON	0	0.0
38.5	SALINE	1	0.9	84.0	MADISON	0	0.0
38.5	SCOTT	1	0.9	84.0	MERCER	0	0.0
38.5	STODDARD	1	0.9	84.0	MISSISSIPPI	0	0.0
38.5	TEXAS	1	0.9	84.0	MONITEAU	0	0.0
38.5	WASHINGTON	1	0.9	84.0	MONROE	0	0.0
38.5	WAYNE	1	0.9	84.0	MONTGOMERY	0	0.0
Third Quartile				84.0	NODAWAY	0	0.0
Fourth Quartile				84.0	OREGON	0	0.0
84.0	ADAIR	0	0.0	84.0	OSAGE	0	0.0
84.0	ANDREW	0	0.0	84.0	OZARK	0	0.0
84.0	ATCHISON	0	0.0	84.0	PERRY	0	0.0
84.0	AUDRAIN	0	0.0	84.0	POLK	0	0.0
84.0	BARRY	0	0.0	84.0	PEMISCOT	0	0.0
84.0	BOLLINGER	0	0.0	84.0	PULASKI	0	0.0
84.0	BOONE	0	0.0	84.0	PUTNAM	0	0.0
84.0	BUTLER	0	0.0	84.0	RANDOLPH	0	0.0
84.0	CALDWELL	0	0.0	84.0	REYNOLDS	0	0.0
84.0	CALLAWAY	0	0.0	84.0	RIPLEY	0	0.0
84.0	CARROLL	0	0.0	84.0	ST. CLAIR	0	0.0
84.0	CEDAR	0	0.0	84.0	STE. GENEVIEVE	0	0.0
84.0	CHARITON	0	0.0	84.0	SCHUYLER	0	0.0
84.0	CHRISTIAN	0	0.0	84.0	SCOTLAND	0	0.0
84.0	CLAY	0	0.0	84.0	SHANNON	0	0.0
84.0	COLE	0	0.0	84.0	SHELBY	0	0.0
84.0	CRAWFORD	0	0.0	84.0	STONE	0	0.0
84.0	DADE	0	0.0	84.0	SULLIVAN	0	0.0
84.0	DALLAS	0	0.0	84.0	TANEY	0	0.0
84.0	DAVIESS	0	0.0	84.0	WARREN	0	0.0
84.0	DE KALB	0	0.0	84.0	WEBSTER	0	0.0
84.0	DOUGLAS	0	0.0	84.0	WORTH	0	0.0
				84.0	WRIGHT	0	0.0

**TABLE 3.11.18**

## 2008 HAZARDOUS MATERIAL INVOLVED CRASHES

### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	6	15.0
2.0	ST. LOUIS	3	7.5
5.0	JOPLIN	2	5.0
5.0	LAKE ST. LOUIS	2	5.0
5.0	NEOSHO	2	5.0
5.0	NEVADA	2	5.0
5.0	SPRINGFIELD	2	5.0
18.0	ARNOLD	1	2.5
18.0	BLUE SPRINGS	1	2.5
18.0	BOWLING GREEN	1	2.5
18.0	CAMDENTON	1	2.5
18.0	CAPE GIRARDEAU	1	2.5
18.0	CHESTERFIELD	1	2.5
18.0	CREVE COEUR	1	2.5
18.0	HERCULANEUM	1	2.5
18.0	HILLSBORO	1	2.5
18.0	INDEPENDENCE	1	2.5
18.0	KIRKWOOD	1	2.5
18.0	LEE'S SUMMIT	1	2.5
18.0	MAPLEWOOD	1	2.5
18.0	MARYLAND HEIGHTS	1	2.5
18.0	NOEL	1	2.5
18.0	PALMYRA	1	2.5
18.0	PEVELY	1	2.5
18.0	PLATTE CITY	1	2.5
18.0	RICH HILL	1	2.5
18.0	SCOTT CITY	1	2.5
18.0	WILDWOOD	1	2.5

<sup>1</sup>Percentage is based on hazardous material involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.0% or more of these crashes are listed.

**TABLE 3.11.20**

### 3.12 CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT

*This section presents a series of data displays which identify construction / other work zone involvement in Missouri's traffic crash experience. Construction / other work zone crashes are defined as any traffic crash where one or more of the traffic controls associated with the incident was a construction or other work zone. Data displays are provided which describe characteristics of the incidents as well as all vehicles and drivers directly associated with the traffic crashes.*

#### 2008 SUMMARY ANALYSIS

- Of all 2008 Missouri traffic crashes, 1.1% involved construction / other work zones. Of all fatal traffic crashes, 1.2% were construction / other work zone related. A total of 12 persons were killed and 598 were injured in traffic crashes involving construction / other work zones.
- In 2008, one person was killed or injured in construction / other work zone involved traffic crashes every 14.4 hours in the State of Missouri.
- Of all 2008 construction / other work zone traffic crashes, the first harmful event in 74.7% of the cases involved one motor vehicle in transport striking another motor vehicle in transport. In 11.4% of the cases, the first harmful event was a motor vehicle in transport striking a fixed object.
- Of all 2008 construction / other work zone traffic crashes, 65.3% occurred in urban areas and 34.7% occurred in rural areas of the State.
- Of all 2008 construction / other work zone traffic crashes, 29.0% occurred on an interstate highway.
- Of all vehicles in construction / other work zone traffic crashes, 49.8% were automobiles, 15.2% were pickup trucks, 15.0% were sport utility vehicles, and 10.9% were other types of trucks.
- Of the drivers in 2008 construction / other work zone related traffic crashes, 60.6% were male and 39.4% were female. The average age of the driver was 40.3 years.
- Of the drivers, 83.7% had a Missouri driver's license, 14.8% had an out-of-state driver's license, and 1.6% were unlicensed at the time of the crash.

**2008 MISSOURI TRAFFIC CRASHES**  
**CONSTRUCTION / OTHER WORK ZONE INVOLVEMENT**

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%	TOTAL NUMBER <sup>1</sup> KILLED INJURED
CONSTRUCTION ZONE INVOLVED	10	1.2	400	1.1	1,313	1.1	1,723	1.1	12
NO CONSTRUCTION ZONE INVOLVED / UNKNOWN <sup>2</sup>	835	98.8	37,640	99.0	115,651	98.9	154,126	98.9	948
<b>TOTAL</b>	<b>845</b>	<b>100.0</b>	<b>38,040</b>	<b>100.0</b>	<b>116,964</b>	<b>100.0</b>	<b>155,849</b>	<b>100.0</b>	<b>960</b>
									<b>55,149</b>

<sup>1</sup>This statistic indicates the total number of persons killed and injured in a crash where a construction / other work zone was involved.

<sup>2</sup>Crashes were classified this way if construction or other work zone was not marked in the traffic control zone field of the crash report.

**TABLE 3.12.1**

**2007 and 2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASH ANALYSIS**

	<b>2007</b>	<b>2008</b>	<b>RATE OF CHANGE</b>
<b>FATAL</b>	4	10	+ 150.0
<b>PERSONAL INJURY</b>	545	400	- 26.6
<b>PROPERTY DAMAGE</b>	1,920	1,313	- 31.6
<b>TOTAL</b>	2,469	1,723	- 30.2

**TABLE 3.12.2**

**2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES**

**TRAFFIC CONTROL BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
CONSTRUCTION ZONE	10	100.0	336	84.0	1,112	84.7	1,458	84.6
OTHER WORK ZONE	0	0.0	64	16.0	201	15.3	265	15.4
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

**TABLE 3.12.3**

**2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES**

**CRASH TYPE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
ANIMAL	0	0.0	0	0.0	12	0.9	12	0.7
BICYCLIST	0	0.0	1	0.3	1	0.1	2	0.1
FIXED OBJECT	2	20.0	57	14.3	137	10.4	196	11.4
OTHER OBJECT	0	0.0	15	3.8	68	5.2	83	4.8
PEDESTRIAN	3	30.0	10	2.5	2	0.2	15	0.9
TRAIN	0	0.0	0	0.0	1	0.1	1	0.1
VEHICLE IN TRANSPORT	5	50.0	292	73.0	990	75.4	1,287	74.7
VEHICLE ON OTHER ROADWAY	0	0.0	1	0.3	2	0.2	3	0.2
PARKED VEHICLE	0	0.0	6	1.5	55	4.2	61	3.5
NONCOLLISION OVERTURN	0	0.0	13	3.3	9	0.7	22	1.3
NONCOLLISION OTHER	0	0.0	5	1.3	36	2.7	41	2.4
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

**TABLE 3.12.4**

**2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES**

**AREA CLASSIFICATION BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
URBAN	3	30.0	263	65.8	859	65.4	1,125	65.3
RURAL	7	70.0	137	34.3	454	34.6	598	34.7
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

**TABLE 3.12.5**

**2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES**

**ROAD CURVATURE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
STRAIGHT	8	80.0	340	85.0	1,124	87.1	1,472	86.6
CURVE	2	20.0	60	15.0	166	12.9	228	13.4
UNKNOWN	0	-	0	-	23	-	23	-
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

**TABLE 3.12.6**

**2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES**

**ROAD INCLINE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
LEVEL	5	50.0	231	58.8	825	64.8	1,061	63.3
HILL	5	50.0	144	36.6	404	31.7	553	33.0
CREST	0	0.0	18	4.6	44	3.5	62	3.7
UNKNOWN	0	-	7	-	40	-	47	-
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

**TABLE 3.12.7**

## 2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

### ROAD CONDITIONS BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRY	7	77.8	327	82.6	1,087	83.7	1,421	83.4
WET	2	22.2	62	15.7	185	14.2	249	14.6
SNOW	0	0.0	3	0.8	16	1.2	19	1.1
ICE	0	0.0	4	1.0	8	0.6	12	0.7
SLUSH	0	0.0	0	0.0	1	0.1	1	0.1
MUD	0	0.0	0	0.0	0	0.0	0	0.0
STANDING WATER	0	0.0	0	0.0	0	0.0	0	0.0
MOVING WATER	0	0.0	0	0.0	2	0.2	2	0.1
UNKNOWN	1	-	4	-	14	-	19	-
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

**TABLE 3.12.8**

## 2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

### HIGHWAY CLASSIFICATION BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
INTERSTATE	0	0.0	110	27.5	389	29.6	499	29.0
U.S. HIGHWAY	10	100.0	77	19.3	214	16.3	301	17.5
STATE NUMBERED	0	0.0	76	19.0	196	14.9	272	15.8
SINGLE STATE LETTERED	0	0.0	8	2.0	20	1.5	28	1.6
DOUBLE STATE LETTERED	0	0.0	8	2.0	19	1.5	27	1.6
OUTER ROAD	0	0.0	1	0.3	3	0.2	4	0.2
COUNTY ROAD	0	0.0	16	4.0	50	3.8	66	3.8
CITY STREET	0	0.0	97	24.3	404	30.8	501	29.1
INTERSTATE LOOP	0	0.0	3	0.8	1	0.1	4	0.2
OTHER <sup>1</sup>	0	0.0	4	1.0	17	1.3	21	1.2
<b>TOTAL</b>	10	100.0	400	100.0	1,313	100.0	1,723	100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.12.9**

**2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES****MONTH OF YEAR**

<b>MONTH</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
JANUARY	79	4.6
FEBRUARY	95	5.5
MARCH	105	6.1
APRIL	132	7.7
MAY	159	9.2
JUNE	177	10.3
JULY	171	9.9
AUGUST	186	10.8
SEPTEMBER	179	10.4
OCTOBER	201	11.7
NOVEMBER	137	8.0
DECEMBER	102	5.9
<b>TOTAL</b>	1,723	100.0

**TABLE 3.12.10**

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**2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES****DAY OF WEEK**

<b>DAY</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
SUNDAY	108	6.3
MONDAY	241	14.0
TUESDAY	285	16.6
WEDNESDAY	301	17.5
THURSDAY	311	18.1
FRIDAY	298	17.3
SATURDAY	178	10.3
<b>TOTAL</b>	1,722	100.0

Unknown Data Not Included

**TABLE 3.12.11**

**2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES****HOUR OF DAY**

<b>HOUR</b>	<b>FREQUENCY</b>	<b>PERCENT</b>
12:01A - 12:59A	18	1.1
01:00A - 01:59A	19	1.1
02:00A - 02:59A	18	1.1
03:00A - 03:59A	16	0.9
04:00A - 04:59A	8	0.5
05:00A - 05:59A	28	1.6
06:00A - 06:59A	38	2.2
07:00A - 07:59A	81	4.7
08:00A - 08:59A	114	6.6
09:00A - 09:59A	90	5.2
10:00A - 10:59A	112	6.5
11:00A - 11:59A	117	6.8
NOON - 12:59P	113	6.6
01:00P - 01:59P	157	9.1
02:00P - 02:59P	140	8.1
03:00P - 03:59P	141	8.2
04:00P - 04:59P	131	7.6
05:00P - 05:59P	92	5.4
06:00P - 06:59P	73	4.2
07:00P - 07:59P	51	3.0
08:00P - 08:59P	51	3.0
09:00P - 09:59P	55	3.2
10:00P - 10:59P	34	2.0
11:00P - MIDNIGHT	24	1.4
<b>TOTAL</b>	1,721	100.0

Unknown Data Not Included

**TABLE 3.12.12**

# VEHICLES IN 2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

## TYPE OF VEHICLE BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
AUTOMOBILE	5	33.3	372	48.4	1,179	50.3	1,556	49.8
SPORT UTILITY VEHICLE	3	20.0	122	15.9	344	14.7	469	15.0
LIMOUSINE	0	0.0	0	0.0	2	0.1	2	0.1
VAN	1	6.7	57	7.4	141	6.0	199	6.4
BUS	0	0.0	1	0.1	9	0.4	10	0.3
SCHOOL BUS	0	0.0	4	0.5	7	0.3	11	0.4
MOTORCYCLE	0	0.0	19	2.5	5	0.2	24	0.8
ALL TERRAIN VEHICLE	0	0.0	1	0.1	0	0.0	1	0.0
MOPED	0	0.0	2	0.3	0	0.0	2	0.1
BICYCLE	0	0.0	1	0.1	0	0.0	1	0.0
MOTOR HOME / CAMPER	0	0.0	0	0.0	1	0.0	1	0.0
FARM EQUIPMENT	0	0.0	0	0.0	5	0.2	5	0.2
CONSTRUCTION EQUIPMENT	0	0.0	2	0.3	24	1.0	26	0.8
OTHER TRANSPORT DEVICE	0	0.0	2	0.3	2	0.1	4	0.1
PICKUP TRUCK	1	6.7	121	15.7	353	15.1	475	15.2
OTHER TRUCKS	5	33.3	65	8.5	270	11.5	340	10.9
VEHICLE TYPE UNKNOWN	0	-	2	-	11	-	13	-
<b>TOTAL</b>	15	100.0	771	100.0	2,353	100.0	3,139	100.0

**TABLE 3.12.13**

## 2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

### TYPE OF CIRCUMSTANCE INVOLVED BY CRASH SEVERITY<sup>1</sup>

FATAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 10		TOTAL CONSTRUCTION / OTHER WORK ZONE CRASHES = 1,723
VEHICLE DEFECTS	0.0	2.8
TRAFFIC CONTROL INOPERATIVE / MISSING	0.0	0.3
IMPROPERLY STOPPED ON ROADWAY	0.0	0.6
EXCEEDING SPEED LIMIT / TOO FAST FOR CONDITIONS	50.0	15.3
IMPROPER PASSING	0.0	2.2
VIOLATION OF STOP SIGN	10.0	2.4
WRONG SIDE NOT PASSING	20.0	0.9
FOLLOWING TOO CLOSE	0.0	22.9
IMPROPER SIGNAL	0.0	0.2
IMPROPER BACKING	0.0	2.6
IMPROPER TURN	0.0	2.7
IMPROPER LANE USAGE / CHANGE	20.0	13.5
WRONG WAY ONE-WAY STREET	0.0	0.2
IMPROPER START FROM PARK	0.0	0.2
IMPROPERLY PARKED	0.0	0.3
FAILED TO YIELD	20.0	13.3
DRINKING	30.0	3.9
DRUGS	20.0	0.3
PHYSICAL IMPAIRMENT	0.0	1.2
INATTENTION	40.0	34.6

<sup>1</sup>This table identifies the percentage of construction / other work zone crashes having a specific type of circumstance which contributed to the cause of the crash. For instance, when examining drinking involvement in 2008 Missouri fatal construction / other work zone crashes, it was found that in 30.0% of the crashes one or more drivers were drinking. In all construction / other work zone traffic crashes, 3.9% had one or more drivers who were drinking.

**TABLE 3.12.14**

# VEHICLES IN 2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

## DRIVER INVOLVEMENT BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
DRIVERLESS	0	0.0	0	0.0	0	0.0	0	0.0
KNOWN DRIVER INVOLVED	15	100.0	748	97.0	2,255	95.8	3,018	96.2
UNKNOWN DRIVER INVOLVED	0	0.0	23	3.0	98	4.2	121	3.9
<b>TOTAL</b>	15	100.0	771	100.0	2,353	100.0	3,139	100.0

TABLE 3.12.15

# DRIVERS OF VEHICLES IN 2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES

## SEX OF DRIVER BY CRASH SEVERITY

	FATAL	%	PERSONAL INJURY	%	PROPERTY DAMAGE	%	TOTAL	%
MALE	14	93.3	436	58.3	1,372	61.2	1,822	60.6
FEMALE	1	6.7	312	41.7	871	38.8	1,184	39.4
UNKNOWN	0	-	23	-	110	-	133	-
<b>TOTAL</b>	15	100.0	771	100.0	2,353	100.0	3,139	100.0

TABLE 3.12.16

**DRIVERS OF VEHICLES IN 2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES**

**AGE OF DRIVER BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>AVERAGE AGE OF DRIVER</b>	41.5	-	40.2	-	40.3	-	40.3	-
14 YEARS AND UNDER	0	0.0	0	0.0	0	0.0	0	0.0
15 - 20 YEARS	1	6.7	78	10.5	283	12.9	362	12.2
21 - 25 YEARS	3	20.0	102	13.7	270	12.3	375	12.7
26 - 30 YEARS	2	13.3	87	11.7	243	11.0	332	11.2
31 - 35 YEARS	2	13.3	72	9.7	183	8.3	257	8.7
36 - 40 YEARS	1	6.7	68	9.2	207	9.4	276	9.3
41 - 45 YEARS	0	0.0	69	9.3	204	9.3	273	9.2
46 - 50 YEARS	0	0.0	73	9.8	214	9.7	287	9.7
51 - 55 YEARS	1	6.7	54	7.3	175	7.9	230	7.8
56 - 60 YEARS	3	20.0	41	5.5	114	5.2	158	5.3
61 - 65 YEARS	0	0.0	33	4.4	101	4.6	134	4.5
66 YEARS AND OVER	2	13.3	66	8.9	209	9.5	277	9.4
UNKNOWN	0	-	28	-	150	-	178	-
<b>TOTAL</b>	15	100.0	771	100.0	2,353	100.0	3,139	100.0

**TABLE 3.12.17**

**DRIVERS OF VEHICLES IN 2008 MISSOURI CONSTRUCTION / OTHER WORK ZONE CRASHES**

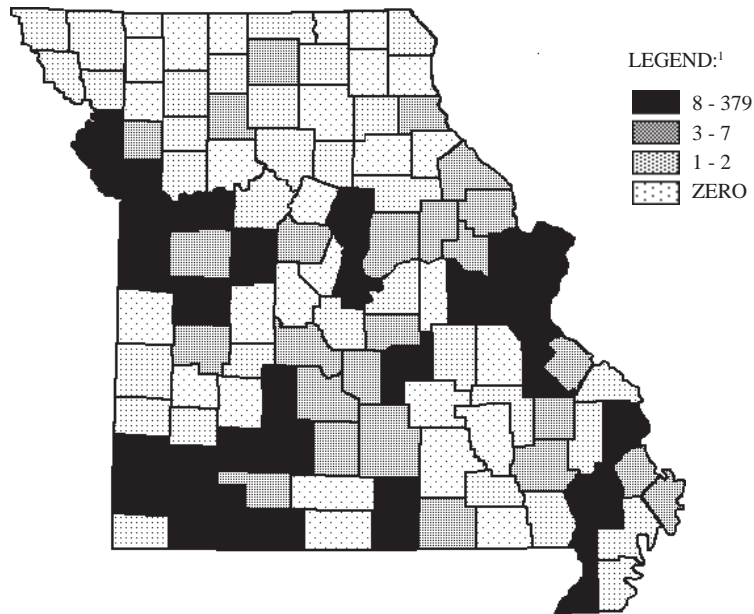
**DRIVER'S LICENSE STATE AND TYPE BY CRASH SEVERITY**

	<b>FATAL</b>	<b>%</b>	<b>PERSONAL INJURY</b>	<b>%</b>	<b>PROPERTY DAMAGE</b>	<b>%</b>	<b>TOTAL</b>	<b>%</b>
<b>MISSOURI</b>								
LEARNER'S PERMIT	0	0.0	2	0.3	7	0.3	9	0.3
OPERATOR'S LICENSE	8	53.3	564	77.1	1,571	72.9	2,143	73.8
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	3	20.0	55	7.5	219	10.2	277	9.5
SUBTOTAL	11	73.3	621	84.8	1,797	83.4	2,429	83.7
<b>OUT STATE</b>								
LEARNER'S PERMIT	0	0.0	1	0.1	1	0.1	2	0.1
OPERATOR'S LICENSE	1	6.7	68	9.3	228	10.6	297	10.2
MOTORCYCLE ONLY	0	0.0	0	0.0	0	0.0	0	0.0
COMMERCIAL DRIVER'S LICENSE	2	13.3	25	3.4	103	4.8	130	4.5
SUBTOTAL	3	20.0	94	12.8	332	15.4	429	14.8
UNLICENSED	1	6.7	17	2.3	27	1.3	45	1.6
UNKNOWN	0	-	39	-	197	-	236	-
<b>TOTAL</b>	<b>15</b>	<b>100.0</b>	<b>771</b>	<b>100.0</b>	<b>2,353</b>	<b>100.0</b>	<b>3,139</b>	<b>100.0</b>

**TABLE 3.12.18**

## 2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
1.0	ST. LOUIS	379	22.0	21.0	NEWTON	12	0.7
2.0	JACKSON	311	18.0	23.5	JASPER	11	0.6
3.0	CLAY	136	7.9	23.5	TANEY	11	0.6
4.0	ST. CHARLES	118	6.8	25.0	COLE	10	0.6
5.0	PLATTE	85	4.9	26.5	BUCHANAN	9	0.5
6.0	ST. LOUIS CITY	70	4.1	26.5	DALLAS	9	0.5
7.0	BOONE	49	2.8	29.0	HENRY	8	0.5
8.5	FRANKLIN	41	2.4	29.0	LAFAYETTE	8	0.5
8.5	GREENE	41	2.4	29.0	STODDARD	8	0.5
10.0	JEFFERSON	34	2.0	First Quartile			
11.0	HOWELL	26	1.5	-----			
12.0	ST. FRANCOIS	25	1.5	Second Quartile			
13.5	CAPE GIRARDEAU	24	1.4	32.0	CALLAWAY	7	0.4
13.5	WEBSTER	24	1.4	32.0	CAMDEN	7	0.4
15.0	CASS	23	1.3	32.0	LIVINGSTON	7	0.4
16.0	PETTIS	21	1.2	35.0	LACLEDE	6	0.3
17.0	PHELPS	20	1.2	35.0	MARION	6	0.3
18.0	STONE	17	1.0	35.0	PIKE	6	0.3
19.0	BARRY	16	0.9	38.0	CHRISTIAN	5	0.3
21.0	DUNKLIN	12	0.7	38.0	OREGON	5	0.3
21.0	LAWRENCE	12	0.7	38.0	TEXAS	5	0.3

RANK	COUNTY	FREQUENCY	PERCENT	RANK	COUNTY	FREQUENCY	PERCENT
41.5	PULASKI	4	0.2	79.0	DADE	1	0.1
41.5	WARREN	4	0.2	79.0	GRUNDY	1	0.1
41.5	WAYNE	4	0.2	79.0	LINN	1	0.1
41.5	WRIGHT	4	0.2	79.0	MCDONALD	1	0.1
49.5	CLINTON	3	0.2	79.0	MILLER	1	0.1
49.5	COOPER	3	0.2	79.0	NODAWAY	1	0.1
49.5	JOHNSON	3	0.2	79.0	OSAGE	1	0.1
49.5	LINCOLN	3	0.2	79.0	PERRY	1	0.1
49.5	MADISON	3	0.2	79.0	PUTNAM	1	0.1
49.5	MARIES	3	0.2	79.0	VERNON	1	0.1
49.5	MISSISSIPPI	3	0.2	Third Quartile			
49.5	MONTGOMERY	3	0.2	Fourth Quartile			
49.5	ST. CLAIR	3	0.2	101.5	BATES	0	0.0
49.5	STE. GENEVIEVE	3	0.2	101.5	BENTON	0	0.0
49.5	SCOTT	3	0.2	101.5	CARROLL	0	0.0
49.5	SULLIVAN	3	0.2	101.5	CEDAR	0	0.0
Second Quartile				101.5	DE KALB	0	0.0
Third Quartile				101.5	DENT	0	0.0
63.0	AUDRAIN	2	0.1	101.5	DOUGLAS	0	0.0
63.0	BARTON	2	0.1	101.5	GASCONADE	0	0.0
63.0	BUTLER	2	0.1	101.5	GENTRY	0	0.0
63.0	CARTER	2	0.1	101.5	HARRISON	0	0.0
63.0	CLARK	2	0.1	101.5	HOWARD	0	0.0
63.0	DAVIESS	2	0.1	101.5	KNOX	0	0.0
63.0	HICKORY	2	0.1	101.5	LEWIS	0	0.0
63.0	HOLT	2	0.1	101.5	MACON	0	0.0
63.0	IRON	2	0.1	101.5	MERCER	0	0.0
63.0	NEW MADRID	2	0.1	101.5	MONITEAU	0	0.0
63.0	PEMISCOT	2	0.1	101.5	MONROE	0	0.0
63.0	RANDOLPH	2	0.1	101.5	MORGAN	0	0.0
63.0	RAY	2	0.1	101.5	OZARK	0	0.0
63.0	SALINE	2	0.1	101.5	POLK	0	0.0
63.0	SHELBY	2	0.1	101.5	RALLS	0	0.0
79.0	ADAIR	1	0.1	101.5	REYNOLDS	0	0.0
79.0	ANDREW	1	0.1	101.5	RIPLEY	0	0.0
79.0	ATCHISON	1	0.1	101.5	SCHUYLER	0	0.0
79.0	BOLLINGER	1	0.1	101.5	SCOTLAND	0	0.0
79.0	CALDWELL	1	0.1	101.5	SHANNON	0	0.0
79.0	CHARITON	1	0.1	101.5	WASHINGTON	0	0.0
79.0	CRAWFORD	1	0.1	101.5	WORTH	0	0.0

TABLE 3.12.19

## 2008 CONSTRUCTION / OTHER WORK ZONE INVOLVED CRASHES

### CITY LISTING

RANK	CITY	FREQUENCY	PERCENT <sup>1</sup>
1.0	KANSAS CITY	281	22.0
2.0	RICHMOND HEIGHTS	110	8.6
3.0	ST. LOUIS	70	5.5
4.0	INDEPENDENCE	53	4.1
5.0	NORTH KANSAS CITY	48	3.8
6.5	COLUMBIA	40	3.1
6.5	LEE'S SUMMIT	40	3.1
8.0	SPRINGFIELD	25	2.0
9.5	ST. PETERS	23	1.8
9.5	WENTZVILLE	23	1.8
11.0	MARSHFIELD	22	1.7
12.0	CLAYTON	20	1.6
13.5	BELTON	19	1.5
13.5	ST. CHARLES	19	1.5
15.0	CHESTERFIELD	18	1.5
16.0	GRANDVIEW	17	1.3
17.5	LIBERTY	16	1.3
17.5	MONETT	16	1.3
19.5	FLORISSANT	15	1.2
19.5	SEDALIA	15	1.2
21.0	MOUNTAIN VIEW	14	1.1
22.0	LAKE ST. LOUIS	13	1.0

<sup>1</sup>Percentage is based on construction / other work zone involved crashes which occurred in Missouri municipalities with populations of 1,000 or more. Only those municipalities comprising 1.0% or more of these crashes are listed.

**TABLE 3.12.20**

### 3.13 SEAT BELT USAGE

***This section presents a series of data displays identifying the seat belt usage rates of drivers and injured passengers in automobiles, trucks, vans, and motor homes in Missouri traffic crashes. Most of the data displays focus on only the driver. Data on the seat belt usage rates of both injured and uninjured drivers were available for analysis. In the case of passengers, data were only available for those injured in the traffic crash. Injured passenger seat belt usage rates are not indicative of seat belt usage rates of all passengers in traffic crashes.***

***There are other limitations to the data presented in this section. In a large number of cases, driver and injured passenger seat belt usage information was not reported by the investigating officer. In the following data displays, the number of cases where seat belt usage information was not known is presented but excluded when calculating seat belt usage rates (Row %).***

***In addition, in cases where the investigating officer does report driver and injured passenger seat belt use, the officer is relying on the word of the person in most instances.***

***As a result of these limiting factors, it is expected that the actual seat belt usage rates in Missouri's 2008 traffic crashes are somewhat less than the findings in this section would indicate. These limiting factors should be taken into consideration when viewing these statistics.***

#### 2008 SUMMARY ANALYSIS

- Of the drivers of automobiles, trucks, vans, and motor homes killed in 2008 Missouri traffic crashes, 30.5% were wearing seat belts. Of the passengers killed in these types of vehicles, 32.1% wore their seat belt. For drivers involved in traffic crashes not killed or injured, 97.2% were wearing their seat belt at the time of the crash.
- A driver in a 2008 Missouri traffic crash had a 1 in 3 chance of being injured if they were not wearing their seat belt. However, if they were wearing a seat belt their chances of being injured in the crash were 1 in 8. When examining driver deaths, the differences are much more dramatic. A driver in a 2008 Missouri traffic crash had a 1 in 29 chance of being killed if they were not wearing a seat belt. In those cases where a driver wore a seat belt, their chance of being killed was 1 in 1,322.
- Of those drivers totally ejected from their vehicle, 3.5% were wearing their seat belts. Of those partially ejected, 45.2% were wearing seat belts. Of those not ejected, 95.5% were wearing seat belts.
- Of Missouri licensed drivers in 2008 traffic crashes, 95.4% were wearing seat belts compared to 97.5% of drivers licensed in other states. Only 77.2% of unlicensed drivers were wearing seat belts at the time of the crash.

# 2008 MISSOURI TRAFFIC CRASHES

## DRIVERS AND PASSENGERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

### PERSONAL INJURY SEVERITY BY SEAT BELT USAGE

WEARING		NOT WEARING		UNKNOWN		TOTAL	
KILLED							
DRIVER	156		356		34		546
ROW %		30.5		69.5		-	100.0
PASSENGER	63		133		20		216
ROW %		32.1		67.9		-	100.0
MAJOR DISABLING INJURY							
DRIVER	2,333		1,263		393		3,989
ROW %		64.9		35.1		-	100.0
PASSENGER	860		667		146		1,673
ROW %		56.3		43.7		-	100.0
EVIDENT INJURY							
DRIVER	9,789		2,243		1,395		13,427
ROW %		81.4		18.6		-	100.0
PASSENGER	3,708		1,347		587		5,642
ROW %		73.4		26.6		-	100.0
PROBABLE INJURY							
DRIVER	14,704		1,061		1,437		17,202
ROW %		93.3		6.7		-	100.0
PASSENGER	6,624		813		696		8,133
ROW %		89.1		10.9		-	100.0
NOT INJURED							
DRIVER	179,224		5,260		19,688		204,172
ROW %		97.2		2.9		-	100.0
PASSENGER <sup>1</sup>	72,631	-	3,486	-	5,741	-	81,858
							-
INJURY UNKNOWN							
DRIVER	1,569		110		13,777		15,456
ROW %		93.5		6.6		-	100.0
PASSENGER <sup>1</sup>	524	-	59	-	539	-	1,122
							-

<sup>1</sup>Data on all passengers of vehicles not injured or whose injury level is unknown in Missouri crashes are not available in the Statewide Traffic Accident Records System (STARS). As a result, these statistics have been excluded.

TABLE 3.13.1

## 2008 MISSOURI TRAFFIC CRASHES

### DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

#### AREA CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
URBAN ROW %	142,242	97.0	4,354	3.0	29,035	-	175,631	100.0
RURAL ROW %	65,533	91.7	5,939	8.3	7,689	-	79,161	100.0
<b>TOTAL ROW %</b>	<b>207,775</b>	<b>95.3</b>	<b>10,293</b>	<b>4.7</b>	<b>36,724</b>	<b>-</b>	<b>254,792</b>	<b>100.0</b>

**TABLE 3.13.2**

## 2008 MISSOURI TRAFFIC CRASHES

### DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

#### WEATHER CONDITIONS BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
CLEAR ROW %	120,769	95.1	6,206	4.9	23,536	-	150,511	100.0
CLOUDY ROW %	58,289	95.1	2,975	4.9	7,790	-	69,054	100.0
RAIN ROW %	14,873	96.3	575	3.7	2,729	-	18,177	100.0
SNOW ROW %	5,580	96.6	194	3.4	1,208	-	6,982	100.0
SLEET ROW %	1,727	97.1	52	2.9	248	-	2,027	100.0
FREEZING ROW %	1,820	94.8	100	5.2	365	-	2,285	100.0
FOG OR MIST ROW %	924	89.7	106	10.3	150	-	1,180	100.0
INDETERMINATE ROW %	1,449	97.2	42	2.8	517	-	2,008	100.0
UNKNOWN ROW %	2,344	98.2	43	1.8	181	-	2,568	100.0
<b>TOTAL ROW %</b>	<b>207,775</b>	<b>95.3</b>	<b>10,293</b>	<b>4.7</b>	<b>36,724</b>	<b>-</b>	<b>254,792</b>	<b>100.0</b>

**TABLE 3.13.3**

# 2008 MISSOURI TRAFFIC CRASHES

## DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

### HIGHWAY CLASSIFICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
INTERSTATE	27,558		722		3,905	32,185	
ROW %		97.5		2.6	-		100.0
U.S. HIGHWAY	21,830		1,185		2,438	25,453	
ROW %		94.9		5.2	-		100.0
STATE NUMBERED	36,218		1,827		2,882	40,927	
ROW %		95.2		4.8	-		100.0
SINGLE STATE LETTERED	10,018		1,071		763	11,852	
ROW %		90.3		9.7	-		100.0
DOUBLE STATE LETTERED	4,439		389		419	5,247	
ROW %		91.9		8.1	-		100.0
OUTER ROAD	1,507		68		149	1,724	
ROW %		95.7		4.3	-		100.0
COUNTY ROAD	12,256		1,492		1,793	15,541	
ROW %		89.2		10.9	-		100.0
CITY STREET	86,109		3,172		23,218	112,499	
ROW %		96.4		3.6	-		100.0
INTERSTATE LOOP	1,176		34		98	1,308	
ROW %		97.2		2.8	-		100.0
OTHER <sup>1</sup>	6,664		333		1,059	8,056	
ROW %		95.2		4.8	-		100.0
<b>TOTAL</b>	207,775		10,293		36,724	254,792	
<b>ROW %</b>		95.3		4.7	-		100.0

<sup>1</sup> "Other" includes types of roads that are maintained by the State as well as by local jurisdictions.

**TABLE 3.13.4**

**2008 MISSOURI TRAFFIC CRASHES**

**DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES**

**MONTH OF YEAR BY SEAT BELT USAGE**

	<b>WEARING</b>		<b>NOT WEARING</b>		<b>UNKNOWN</b>		<b>TOTAL</b>	
JANUARY	17,942		908		3,184		22,034	
ROW %		95.2		4.8		-		100.0
FEBRUARY	17,280		809		3,297		21,386	
ROW %		95.5		4.5		-		100.0
MARCH	15,532		812		2,724		19,068	
ROW %		95.0		5.0		-		100.0
APRIL	16,589		788		2,938		20,315	
ROW %		95.5		4.5		-		100.0
MAY	17,616		845		2,994		21,455	
ROW %		95.4		4.6		-		100.0
JUNE	16,632		849		2,938		20,419	
ROW %		95.1		4.9		-		100.0
JULY	16,000		842		2,960		19,802	
ROW %		95.0		5.0		-		100.0
AUGUST	16,163		874		3,012		20,049	
ROW %		94.9		5.1		-		100.0
SEPTEMBER	16,880		786		3,074		20,740	
ROW %		95.6		4.5		-		100.0
OCTOBER	19,021		962		3,188		23,171	
ROW %		95.2		4.8		-		100.0
NOVEMBER	17,474		889		2,998		21,361	
ROW %		95.2		4.8		-		100.0
DECEMBER	20,646		929		3,417		24,992	
ROW %		95.7		4.3		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
<b>ROW %</b>		95.3		4.7		-		100.0

**TABLE 3.13.5**

**2008 MISSOURI TRAFFIC CRASHES**  
**DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES**  
**DAY OF WEEK BY SEAT BELT USAGE**

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
SUNDAY	17,009		1,234		3,950		22,193	
ROW %		93.2		6.8		-		100.0
MONDAY	29,969		1,386		4,844		36,199	
ROW %		95.6		4.4		-		100.0
TUESDAY	33,571		1,509		5,436		40,516	
ROW %		95.7		4.3		-		100.0
WEDNESDAY	33,164		1,473		5,476		40,113	
ROW %		95.8		4.3		-		100.0
THURSDAY	33,979		1,449		5,593		41,021	
ROW %		95.9		4.1		-		100.0
FRIDAY	36,478		1,634		6,218		44,330	
ROW %		95.7		4.3		-		100.0
SATURDAY	23,569		1,602		5,130		30,301	
ROW %		93.6		6.4		-		100.0
UNKNOWN	36		6		77		119	
ROW %		85.7		14.3		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
<b>ROW %</b>		95.3		4.7		-		100.0

**TABLE 3.13.6**

**2008 MISSOURI TRAFFIC CRASHES**

**DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES**

**HOUR OF DAY BY SEAT BELT USAGE**

	WEARING		NOT WEARING		UNKNOWN	TOTAL	
12:01A - 02:59A ROW %	5,699	86.4	899	13.6	2,831	9,429	100.0
03:00A - 05:59A ROW %	4,163	89.8	471	10.2	1,375	6,009	100.0
06:00A - 08:59A ROW %	29,287	96.1	1,179	3.9	4,210	34,676	100.0
09:00A - 11:59A ROW %	30,030	95.9	1,286	4.1	4,359	35,675	100.0
NOON - 02:59P ROW %	42,462	96.4	1,605	3.6	6,068	50,135	100.0
03:00P - 05:59P ROW %	57,796	96.4	2,187	3.7	8,815	68,798	100.0
06:00P - 08:59P ROW %	25,222	94.6	1,430	5.4	4,804	31,456	100.0
09:00P - MIDNGT ROW %	12,683	91.6	1,170	8.5	3,713	17,566	100.0
UNKNOWN ROW %	433	86.8	66	13.2	549	1,048	100.0
<b>TOTAL ROW %</b>	207,775	95.3	10,293	4.7	36,724	254,792	100.0

**TABLE 3.13.7**

**2008 MISSOURI TRAFFIC CRASHES**

**DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES**

**SEX OF DRIVER BY SEAT BELT USAGE**

	<b>WEARING</b>		<b>NOT WEARING</b>		<b>UNKNOWN</b>		<b>TOTAL</b>	
MALE	111,385		7,027		15,106		133,518	
ROW %		94.1		5.9		-		100.0
FEMALE	94,390		3,224		9,921		107,535	
ROW %		96.7		3.3		-		100.0
UNKNOWN	2,000		42		11,697		13,739	
ROW %		97.9		2.1		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
<b>ROW %</b>		95.3		4.7		-		100.0

**TABLE 3.13.8**

**2008 MISSOURI TRAFFIC CRASHES**

**DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES**

**DRIVER EJECTION BY SEAT BELT USAGE**

	<b>WEARING</b>		<b>NOT WEARING</b>		<b>UNKNOWN</b>		<b>TOTAL</b>	
TOTAL EJECTION	19		520		36		575	
ROW %		3.5		96.5		-		100.0
PARTIAL EJECTION	109		132		36		277	
ROW %		45.2		54.8		-		100.0
NO EJECTION	204,513		9,543		24,992		239,048	
ROW %		95.5		4.5		-		100.0
UNKNOWN	3,134		98		11,660		14,892	
ROW %		97.0		3.0		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
<b>ROW %</b>		95.3		4.7		-		100.0

**TABLE 3.13.9**

# 2008 MISSOURI TRAFFIC CRASHES

## DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

### AGE OF DRIVER BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
<b>AVERAGE AGE OF DRIVER</b>	38.8	-	34.1	-	37.4	-	38.4	-
14 YEARS AND UNDER	29		34		29		92	
ROW %		46.0		54.0		-		100.0
15 - 20 YEARS	34,218		2,403		3,368		39,989	
ROW %		93.4		6.6		-		100.0
21 - 25 YEARS	27,080		1,818		3,302		32,200	
ROW %		93.7		6.3		-		100.0
26 - 30 YEARS	22,039		1,277		2,681		25,997	
ROW %		94.5		5.5		-		100.0
31 - 35 YEARS	17,660		845		2,060		20,565	
ROW %		95.4		4.6		-		100.0
36 - 40 YEARS	17,956		719		1,929		20,604	
ROW %		96.2		3.9		-		100.0
41 - 45 YEARS	17,611		739		1,931		20,281	
ROW %		96.0		4.0		-		100.0
46 - 50 YEARS	17,808		654		1,822		20,284	
ROW %		96.5		3.5		-		100.0
51 - 55 YEARS	15,160		518		1,440		17,118	
ROW %		96.7		3.3		-		100.0
56 - 60 YEARS	11,957		318		1,073		13,348	
ROW %		97.4		2.6		-		100.0
61 - 65 YEARS	8,766		265		778		9,809	
ROW %		97.1		2.9		-		100.0
66 YEARS AND OVER	16,823		612		1,416		18,851	
ROW %		96.5		3.5		-		100.0
UNKNOWN	668		91		14,895		15,654	
ROW %		88.0		12.0		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
ROW %		95.3		4.7		-		100.0

TABLE 3.13.10

# 2008 MISSOURI TRAFFIC CRASHES

## DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

### DRIVER'S LICENSE STATE AND TYPE BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
MISSOURI								
LEARNER'S PERMIT	833		59		136		1,028	
ROW %		93.4		6.6		-		100.0
OPERATOR'S LICENSE	165,191		7,741		16,172		189,104	
ROW %		95.5		4.5		-		100.0
MOTORCYCLE ONLY	3		0		0		3	
ROW %		100.0		0.0		-		100.0
COMMERCIAL DRIVER'S LICENSE	11,239		693		1,076		13,008	
ROW %		94.2		5.8		-		100.0
SUBTOTAL	177,266		8,493		17,384		203,143	
ROW %		95.4		4.6		-		100.0
OUT STATE								
LEARNER'S PERMIT	28		0		3		31	
ROW %		100.0		0.0		-		100.0
OPERATOR'S LICENSE	17,200		453		1,987		19,640	
ROW %		97.4		2.6		-		100.0
MOTORCYCLE ONLY	1		0		0		1	
ROW %		100.0		0.0		-		100.0
COMMERCIAL DRIVER'S LICENSE	3,690		84		304		4,078	
ROW %		97.8		2.2		-		100.0
SUBTOTAL	20,919		537		2,294		23,750	
ROW %		97.5		2.5		-		100.0
UNLICENSED	3,245		956		1,117		5,318	
ROW %		77.2		22.8		-		100.0
UNKNOWN	6,345		307		15,929		22,581	
ROW %		95.4		4.6		-		100.0
TOTAL	207,775		10,293		36,724		254,792	
ROW %		95.3		4.7		-		100.0

TABLE 3.13.11

## 2008 MISSOURI TRAFFIC CRASHES

### DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

#### TYPE OF VEHICLE DRIVEN BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
AUTOMOBILE	117,235		5,034		21,234		143,503	
ROW %		95.9		4.1		-		100.0
SPORT UTILITY VEHICLE	34,036		1,336		5,216		40,588	
ROW %		96.2		3.8		-		100.0
LIMOUSINE	44		3		9		56	
ROW %		93.6		6.4		-		100.0
VAN	14,622		513		2,323		17,458	
ROW %		96.6		3.4		-		100.0
MOTOR HOME / CAMPER	76		3		12		91	
ROW %		96.2		3.8		-		100.0
TRUCK	41,762		3,404		7,930		53,096	
ROW %		92.5		7.5		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
<b>ROW %</b>		95.3		4.7		-		100.0

**TABLE 3.13.12**

## 2008 MISSOURI TRAFFIC CRASHES

### DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

#### DRIVER INTOXICATION BY SEAT BELT USAGE

	WEARING		NOT WEARING		UNKNOWN		TOTAL	
DRINKING	3,035		1,690		1,912		6,637	
ROW %		64.2		35.8		-		100.0
DRUGS	340		153		123		616	
ROW %		69.0		31.0		-		100.0
DRINKING AND DRUGS	148		111		153		412	
ROW %		57.1		42.9		-		100.0
NO DRINKING / DRUGS	202,102		8,253		32,924		243,279	
ROW %		96.1		3.9		-		100.0
UNKNOWN	2,150		86		1,612		3,848	
ROW %		96.2		3.9		-		100.0
<b>TOTAL</b>	207,775		10,293		36,724		254,792	
<b>ROW %</b>		95.3		4.7		-		100.0

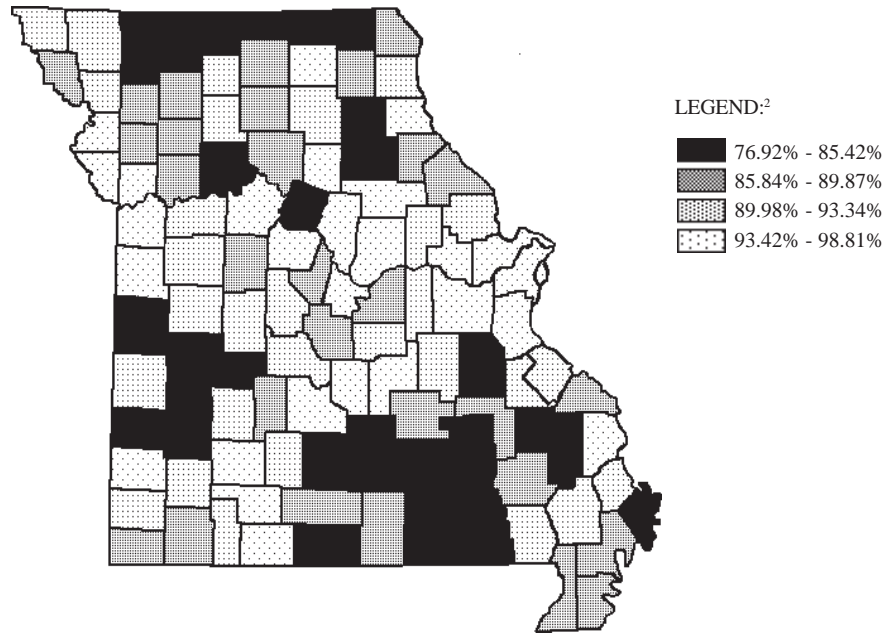
**TABLE 3.13.13**

## 2008 MISSOURI TRAFFIC CRASHES

### DRIVERS OF AUTOMOBILES, TRUCKS, VANS, AND MOTOR HOMES

#### SEAT BELT USAGE RATES<sup>1</sup>

#### COUNTY QUARTILE ANALYSIS



<sup>1</sup> LEGEND CATEGORIES ARE BASED ON QUARTILES OF COUNTIES.

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
1.0	WORTH	76.92	21.0	BOLLINGER	83.19
2.0	SHANNON	77.17	22.0	BARTON	83.20
3.0	DADE	77.50	23.0	SCOTLAND	83.81
4.0	WASHINGTON	78.49	24.0	ST. CLAIR	83.94
5.0	CARROLL	78.53	25.0	MADISON	84.14
6.0	GENTRY	79.71	26.0	BATES	84.64
7.0	HICKORY	80.21	27.0	TEXAS	84.86
8.0	PUTNAM	80.22	28.0	HARRISON	84.98
9.0	OZARK	80.77	29.0	WRIGHT	85.42
10.0	SCHUYLER	80.88	First Quartile		
11.5	CARTER	81.08	Second Quartile		
11.5	MONROE	81.08	30.0	IRON	85.84
13.0	RIPLEY	81.23	31.5	CALDWELL	85.88
14.0	SHELBY	81.44	31.5	DOUGLAS	85.88
15.0	MERCER	81.97	33.0	BARRY	86.00
16.0	REYNOLDS	82.12	34.0	SULLIVAN	86.27
17.0	HOWARD	82.27	35.0	CHARITON	86.44
18.0	CEDAR	82.54	36.0	LINN	86.46
19.0	MISSISSIPPI	82.55	37.0	WAYNE	86.84
20.0	OREGON	82.74			

RANK	COUNTY	DRIVER USAGE RATE	RANK	COUNTY	DRIVER USAGE RATE
38.0	DAVIESS	87.03	77.0	STONE	92.16
39.0	NEW MADRID	87.22	78.0	GRUNDY	92.18
40.0	DALLAS	87.34	79.5	ANDREW	92.19
41.0	DENT	87.74	79.5	NEWTON	92.19
42.0	PIKE	88.42	81.0	MONTGOMERY	92.33
43.0	MC DONALD	88.60	82.0	POLK	92.46
44.0	MILLER	88.65	83.0	STE. GENEVIEVE	92.58
45.0	CLINTON	88.71	84.0	LAFAYETTE	92.64
46.0	RALLS	88.73	85.0	CAMDEN	92.90
47.5	CLARK	88.74	86.0	JOHNSON	93.27
47.5	PEMISCOT	88.74	87.0	SCOTT	93.34
49.0	KNOX	88.89	Third Quartile		
50.0	PETTIS	88.92	Fourth Quartile		
51.0	PERRY	89.00	88.0	COOPER	93.42
52.0	OSAGE	89.26	89.0	RANDOLPH	93.44
53.0	MONITEAU	89.63	90.0	PULASKI	93.59
54.0	DUNKLIN	89.74	91.0	FRANKLIN	93.73
55.0	HOWELL	89.75	92.0	BUCHANAN	93.77
56.0	HOLT	89.76	93.0	CALLAWAY	93.88
57.0	RAY	89.85	94.0	AUDRAIN	93.89
58.0	DE KALB	89.87	95.0	COLE	93.90
Second Quartile			96.0	SALINE	94.30
Third Quartile			97.5	CASS	94.37
59.0	NODAWAY	89.98	97.5	WARREN	94.37
60.0	GASCONADE	90.37	99.0	LACLEDE	94.41
61.0	LINCOLN	90.45	100.0	ADAIR	94.66
62.0	MORGAN	90.68	101.0	HELPS	94.87
63.0	HENRY	90.69	102.0	JASPER	95.06
64.0	ST. FRANCOIS	90.72	103.0	JEFFERSON	95.11
65.0	ATCHISON	90.83	104.0	MARION	95.14
66.0	LIVINGSTON	90.89	105.0	CHRISTIAN	95.18
67.0	MARIES	91.01	106.0	TANEY	95.21
68.0	LEWIS	91.09	107.0	JACKSON	96.11
69.0	MACON	91.24	108.0	CAPE GIRARDEAU	96.60
70.0	CRAWFORD	91.34	109.0	ST. CHARLES	96.61
71.0	STODDARD	91.45	110.0	CLAY	96.76
72.0	BENTON	91.75	111.5	BOONE	96.79
73.0	VERNON	91.86	111.5	GREENE	96.79
74.0	WEBSTER	91.98	113.0	PLATTE	97.29
75.0	BUTLER	92.04	114.0	ST. LOUIS	98.00
76.0	LAWRENCE	92.15	115.0	ST. LOUIS CITY	98.81

<sup>1</sup> This table contains a ranking of Missouri counties by the driver seat belt usage rates associated with 2008 traffic crashes. Drivers whose seat belt usage was unknown have been excluded. Counties have been ranked based upon the worst driver usage rates. (Knox County is first due to its having the lowest usage rate of all counties in the State. Only 76.92% of the drivers involved in crashes in Worth County were wearing seat belts).

**TABLE 3.13.14**

**AUTOMOBILE / TRUCK / VAN / MOTOR HOME OCCUPANTS UNDER THE AGE OF FOUR YEARS  
KILLED AND INJURED IN MISSOURI TRAFFIC CRASHES**

**1981-1983 AVERAGE COMPARED TO 1984-2007 AVERAGE AND 2008<sup>1</sup>**

	<b>1981 - 1983 AVERAGE</b>	<b>1984 - 2007 AVERAGE</b>	<b>% OF CHANGE 1981 - 1983 AVERAGE</b>	<b>2008</b>	<b>% OF CHANGE 1981 - 1983 AVERAGE</b>
KILLED	11	10	- 9.1	6	- 45.5
MAJOR DISABLING	71	77	+ 8.5	27	- 62.0
EVIDENT	626	448	- 28.4	199	- 68.2
PROBABLE	464	513	+10.6	354	- 23.7
<b>TOTAL</b>	<b>1,172</b>	<b>1,047</b>	<b>- 10.7</b>	<b>586</b>	<b>- 50.0</b>

<sup>1</sup>1981 - 1983 data concerning occupants under the age of four years were used as a base for this comparison due to the fact that infant restraint legislation was enacted in the State of Missouri in January of 1984.

**TABLE 3.13.15**

#### **4.0 MISSOURI COUNTY AND CITY TRAFFIC CRASH ANALYSIS**

*A SERIES OF TABLES SUMMARIZES 2008 TRAFFIC CRASH ACTIVITY ASSOCIATED WITH ALL COUNTIES, AS WELL AS ALL CITIES HAVING POPULATIONS OF 1,000 OR MORE IN THE STATE OF MISSOURI. IN ADDITION, THE TABLES DISPLAY THE PROPORTION OF EACH COMMUNITY'S TRAFFIC CRASH ACTIVITY RELATED TO THE PROBLEM AREAS DISCUSSED IN SECTION 3.0 OF THIS COMPENDIUM WITH THE EXCEPTION OF SEAT BELT USAGE. PLEASE NOTE THAT ALL 2008 TRAFFIC CRASHES OCCURRING IN A GIVEN COMMUNITY ARE DISPLAYED REGARDLESS OF THE LAW ENFORCEMENT AGENCY THAT INVESTIGATED THE TRAFFIC CRASH.*

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
ADAIR CO	FATAL	4	0	1	0	2	2	0	0	0	0	1	0	0
	INJURY	118	24	9	32	44	9	9	0	4	2	24	0	0
	DAMAGE	261	45	8	80	78	27	1	3	1	0	53	0	1
	TOTAL	383	69	18	112	124	38	10	3	5	2	78	0	1
KIRKSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	71	9	4	20	30	3	4	0	4	2	3	0	0
	DAMAGE	215	28	8	69	62	19	0	3	1	0	28	0	1
	TOTAL	286	37	12	89	92	22	4	3	5	2	31	0	1
POP UNDER 1000	FATAL	4	0	1	0	2	2	0	0	0	0	1	0	0
	INJURY	47	15	5	12	14	6	5	0	0	0	21	0	0
	DAMAGE	46	17	0	11	16	8	1	0	0	0	25	0	0
	TOTAL	97	32	6	23	32	16	6	0	0	0	47	0	0
ANDREW CO	FATAL	5	2	1	0	2	2	1	0	0	0	3	0	0
	INJURY	77	23	6	20	17	8	4	0	1	1	42	0	0
	DAMAGE	207	53	6	60	67	35	0	2	0	0	63	0	1
	TOTAL	289	78	13	80	86	45	5	2	1	1	108	0	1
COUNTRY CLUB VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	1	0	0	0	0	0	2	0	0
	DAMAGE	16	3	0	8	5	1	0	0	0	0	4	0	0
	TOTAL	19	4	0	8	6	1	0	0	0	0	6	0	0
SAVANNAH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	0	4	2	1	1	0	1	0	1	0	0
	DAMAGE	49	4	0	17	15	3	0	0	0	0	11	0	0
	TOTAL	57	4	0	21	17	4	1	0	1	0	12	0	0
POP UNDER 1000	FATAL	5	2	1	0	2	2	1	0	0	0	3	0	0
	INJURY	66	22	6	16	14	7	3	0	0	1	39	0	0
	DAMAGE	141	46	6	35	47	31	0	2	0	0	47	0	1
	TOTAL	212	70	13	51	63	40	4	2	0	1	89	0	1
ATCHISON CO	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	19	5	7	12	8	3	0	0	0	25	0	0
	DAMAGE	72	21	3	9	18	16	0	0	0	0	29	0	1
	TOTAL	112	41	8	16	30	24	3	0	0	0	54	0	1
ROCKPORT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	10	1	0	4	7	0	0	0	0	0	1	0	0
	TOTAL	10	1	0	4	7	0	0	0	0	0	1	0	0
TARKIO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	1	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	39	19	5	7	12	8	3	0	0	0	25	0	0
	DAMAGE	61	20	3	5	11	15	0	0	0	0	28	0	1
	TOTAL	101	40	8	12	23	23	3	0	0	0	53	0	1
AUDRAIN CO	FATAL	6	2	1	1	4	2	1	0	0	0	2	0	0
	INJURY	134	42	10	43	44	12	4	1	3	4	51	0	2
	DAMAGE	346	59	17	95	123	36	3	3	1	0	73	0	0
	TOTAL	486	103	28	139	171	50	8	4	4	4	126	0	2
MEXICO	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	45	3	1	17	18	6	0	1	2	3	7	0	1
	DAMAGE	219	20	7	70	84	21	2	2	1	0	28	0	0
	TOTAL	265	23	8	87	102	27	2	3	3	3	36	0	1
VANDALIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	2	0	0	0	1	0	1	0	0
	DAMAGE	14	1	1	5	4	0	0	0	0	0	1	0	0
	TOTAL	18	2	1	7	6	0	0	0	1	0	2	0	0
POP UNDER 1000	FATAL	5	2	1	1	4	2	1	0	0	0	1	0	0
	INJURY	85	38	9	24	24	6	4	0	0	1	43	0	1
	DAMAGE	113	38	9	20	35	15	1	1	0	0	44	0	0
	TOTAL	203	78	19	45	63	23	6	1	0	1	88	0	1
BARRY CO	FATAL	14	9	8	4	4	1	2	0	0	1	8	0	1
	INJURY	191	66	34	54	50	15	15	0	7	2	73	0	2
	DAMAGE	465	106	32	120	124	36	2	1	0	1	151	0	13
	TOTAL	670	181	74	178	178	52	19	1	7	4	232	0	16

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
CASSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	2	1	4	3	2	1	0	0	1	2	0	0
	DAMAGE	60	2	1	17	22	5	0	0	0	0	7	0	0
	TOTAL	71	4	2	21	25	7	1	0	0	1	9	0	0
MONETT/BAR	FATAL	2	1	1	1	0	0	0	0	0	1	1	0	1
	INJURY	35	5	0	9	15	4	0	0	6	0	3	0	2
	DAMAGE	114	15	7	32	30	10	0	0	0	0	14	0	13
	TOTAL	151	21	8	42	45	14	0	0	6	1	18	0	16
PURDY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	1	4	1	0	0	0	0	1	0	0
	DAMAGE	6	1	0	3	0	0	0	0	0	0	0	0	0
	TOTAL	11	1	0	4	4	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	12	8	7	3	4	1	2	0	0	0	7	0	0
	INJURY	140	59	33	40	28	8	14	0	1	1	67	0	0
	DAMAGE	285	88	24	68	72	21	2	1	0	1	130	0	0
	TOTAL	437	155	64	111	104	30	18	1	1	2	204	0	0
BARTON CO	FATAL	5	2	0	0	2	0	1	0	0	0	3	0	0
	INJURY	57	19	8	19	17	5	2	0	0	3	23	1	0
	DAMAGE	136	30	11	36	45	20	0	2	0	0	36	0	2
	TOTAL	198	51	19	55	64	25	3	2	0	3	62	1	2
LAMAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	1	0	6	8	0	1	0	0	3	3	0	0
	DAMAGE	48	2	2	20	22	2	0	1	0	0	4	0	0
	TOTAL	64	3	2	26	30	2	1	1	0	3	7	0	0
POP UNDER 1000	FATAL	5	2	0	0	2	0	1	0	0	0	3	0	0
	INJURY	41	18	8	13	9	5	1	0	0	0	20	1	0
	DAMAGE	88	28	9	16	23	18	0	1	0	0	32	0	2
	TOTAL	134	48	17	29	34	23	2	1	0	0	55	1	2
BATES CO	FATAL	4	1	1	0	2	1	0	0	0	0	2	0	0
	INJURY	67	25	13	20	15	5	2	0	1	2	31	0	0
	DAMAGE	198	32	12	41	62	24	0	4	0	0	58	1	0
	TOTAL	269	58	26	61	79	30	2	4	1	2	91	1	0
ADRIAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	1	0	0	0	0	0	0	0	1	0	0
	DAMAGE	8	2	0	2	2	0	0	0	0	0	3	0	0
	TOTAL	9	3	1	2	2	0	0	0	0	0	4	0	0
BUTLER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	0	1	6	1	0	0	0	1	2	3	0	0
	DAMAGE	59	1	2	16	24	7	0	3	0	0	9	0	0
	TOTAL	71	1	3	22	25	7	0	3	1	2	12	0	0
DREXEL/BAT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	1	1	0	0	0	0	0	0	0	0
RICH HILL	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	4	1	0	2	2	0	0	0	0	0	1	1	0
	TOTAL	7	1	1	3	2	0	0	0	0	0	1	1	0
POP UNDER 1000	FATAL	3	1	0	0	2	1	0	0	0	0	2	0	0
	INJURY	51	24	11	12	14	5	2	0	0	0	27	0	0
	DAMAGE	126	28	10	21	33	17	0	1	0	0	45	0	0
	TOTAL	180	53	21	33	49	23	2	1	0	0	74	0	0
BENTON CO	FATAL	4	1	0	0	3	1	3	0	0	0	2	0	0
	INJURY	95	38	18	18	29	6	11	1	0	2	51	0	0
	DAMAGE	260	76	13	59	69	17	3	0	0	0	105	1	0
	TOTAL	359	115	31	77	101	24	17	1	0	2	158	1	0
COLE CAMP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	2	0	0	0	0	1	0	0	0
	DAMAGE	11	1	0	2	6	1	0	0	0	0	2	0	0
	TOTAL	15	1	0	3	8	1	0	0	0	1	2	0	0
LINCOLN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	2	0	0	0	0	1	2	0	0
	DAMAGE	12	0	0	1	4	0	0	0	0	0	1	0	0
	TOTAL	15	0	0	2	6	0	0	0	0	1	3	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
WARSAW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	1	0	1	0	0	0	0	0	0
	DAMAGE	26	2	0	5	9	1	0	0	0	0	6	0	0
	TOTAL	29	3	0	5	10	1	1	0	0	0	6	0	0
POP UNDER 1000	FATAL	4	1	0	0	3	1	3	0	0	0	2	0	0
	INJURY	85	37	18	16	24	6	10	1	0	0	49	0	0
	DAMAGE	211	73	13	51	50	15	3	0	0	0	96	1	0
	TOTAL	300	111	31	67	77	22	16	1	0	0	147	1	0
BOLLINGER CO	FATAL	3	3	2	1	0	0	0	0	0	0	3	0	0
	INJURY	59	20	13	17	14	3	4	0	0	0	36	0	0
	DAMAGE	120	22	7	26	30	16	1	3	0	0	44	0	1
	TOTAL	182	45	22	44	44	19	5	3	0	0	83	0	1
MARBLE HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	26	1	0	7	9	2	0	0	0	0	3	0	0
	TOTAL	27	1	0	7	9	2	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	3	3	2	1	0	0	0	0	0	0	3	0	0
	INJURY	58	20	13	17	14	3	4	0	0	0	36	0	0
	DAMAGE	94	21	7	19	21	14	1	3	0	0	41	0	1
	TOTAL	155	44	22	37	35	17	5	3	0	0	80	0	1
BOONE CO	FATAL	19	9	7	0	8	5	3	0	0	0	7	0	0
	INJURY	808	151	78	246	195	36	34	2	18	35	198	0	8
	DAMAGE	2928	354	120	799	674	249	13	21	5	6	440	0	41
	TOTAL	3755	514	205	1045	877	290	50	23	23	41	645	0	49
ASHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	4	0	5	1	0	0	0	1	0	4	0	0
	DAMAGE	28	7	1	7	6	1	0	0	1	1	5	0	0
	TOTAL	35	11	1	12	7	1	0	0	2	1	9	0	0
CENTRALIA/BOO	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	11	1	1	3	3	0	1	0	1	0	3	0	0
	DAMAGE	37	2	3	9	13	6	0	1	0	0	5	0	0
	TOTAL	49	3	4	12	16	7	1	1	1	0	8	0	0
COLUMBIA	FATAL	8	6	4	0	2	1	3	0	0	0	5	0	0
	INJURY	574	77	46	177	135	24	18	1	15	31	88	0	5
	DAMAGE	2324	215	85	684	556	173	8	18	4	5	234	0	35
	TOTAL	2906	298	135	861	693	198	29	19	19	36	327	0	40
POP UNDER 1000	FATAL	10	3	3	0	6	3	0	0	0	0	2	0	0
	INJURY	216	69	31	61	56	12	15	1	1	4	103	0	3
	DAMAGE	539	130	31	99	99	69	5	2	0	0	196	0	6
	TOTAL	765	202	65	160	161	84	20	3	1	4	301	0	9
BUCHANAN CO	FATAL	11	6	3	3	3	0	0	0	0	1	3	0	0
	INJURY	721	120	59	219	200	40	30	2	7	19	140	1	2
	DAMAGE	2099	300	110	533	507	169	11	8	3	2	404	1	7
	TOTAL	2831	426	172	755	710	209	41	10	10	22	547	2	9
GOWER/BUC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	1	0	1	1	0	0	0	0	0	4	0	0
	TOTAL	5	1	0	1	1	0	0	0	0	0	4	0	0
ST. JOSEPH	FATAL	5	3	1	1	2	0	0	0	0	1	0	0	0
	INJURY	647	98	47	201	183	29	26	2	7	18	103	0	2
	DAMAGE	1914	246	105	488	455	140	11	8	3	2	326	0	3
	TOTAL	2566	347	153	690	640	169	37	10	10	21	429	0	5
POP UNDER 1000	FATAL	6	3	2	2	1	0	0	0	0	0	3	0	0
	INJURY	74	22	12	18	17	11	4	0	0	1	37	1	0
	DAMAGE	181	53	5	44	51	29	0	0	0	0	75	1	4
	TOTAL	261	78	19	64	69	40	4	0	0	1	115	2	4
BUTLER CO	FATAL	13	2	2	3	5	2	1	0	0	1	4	0	0
	INJURY	336	63	45	85	95	15	18	0	2	5	92	0	1
	DAMAGE	1034	127	54	218	327	76	3	10	0	2	192	0	1
	TOTAL	1383	192	101	306	427	93	22	10	2	8	288	0	2
POPLAR BLUFF	FATAL	2	1	0	1	1	0	0	0	0	0	1	0	0
	INJURY	182	27	13	59	61	5	7	0	1	3	26	0	0
	DAMAGE	727	54	21	161	249	40	3	5	0	2	85	0	1
	TOTAL	911	82	34	221	311	45	10	5	1	5	112	0	1

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	11	1	2	2	4	2	1	0	0	1	3	0	0
	INJURY	154	36	32	26	34	10	11	0	1	2	66	0	1
	DAMAGE	307	73	33	57	78	36	0	5	0	0	107	0	0
	TOTAL	472	110	67	85	116	48	12	5	1	3	176	0	1
CALDWELL CO	FATAL	4	2	3	1	2	1	0	0	0	0	3	0	0
	INJURY	48	17	3	12	10	5	1	0	1	0	22	0	1
	DAMAGE	90	19	4	16	20	10	0	0	0	0	29	0	0
	TOTAL	142	38	10	29	32	16	1	0	1	0	54	0	1
HAMILTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	2	4	1	0	0	1	0	0	0	0
	DAMAGE	17	0	0	4	4	3	0	0	0	0	2	0	0
	TOTAL	22	0	0	6	8	4	0	0	1	0	2	0	0
POP UNDER 1000	FATAL	4	2	3	1	2	1	0	0	0	0	3	0	0
	INJURY	43	17	3	10	6	4	1	0	0	0	22	0	1
	DAMAGE	73	19	4	12	16	7	0	0	0	0	27	0	0
	TOTAL	120	38	10	23	24	12	1	0	0	0	52	0	1
CALLAWAY CO	FATAL	9	4	2	0	4	2	3	0	0	0	6	0	0
	INJURY	248	60	26	76	51	19	19	0	4	7	101	0	2
	DAMAGE	768	173	35	206	177	100	4	4	0	1	275	0	5
	TOTAL	1025	237	63	282	232	121	26	4	4	8	382	0	7
FULTON	FATAL	2	1	0	0	2	1	1	0	0	0	1	0	0
	INJURY	58	6	4	17	16	1	6	0	3	3	9	0	0
	DAMAGE	242	25	13	74	65	23	2	1	0	1	40	0	4
	TOTAL	302	32	17	91	83	25	9	1	3	4	50	0	4
HOLTS SUMMIT	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	11	1	0	4	3	0	2	0	1	1	0	0	0
	DAMAGE	25	0	1	7	7	2	0	0	0	0	3	0	0
	TOTAL	37	1	1	11	10	2	2	0	1	1	4	0	0
JEFF CITY/CAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	1	2	4	1	0	0	0	1	2	0	1
	DAMAGE	21	3	0	8	7	2	0	0	0	0	5	0	0
	TOTAL	31	4	1	10	11	3	0	0	0	1	7	0	1
POP UNDER 1000	FATAL	6	3	2	0	2	1	2	0	0	0	4	0	0
	INJURY	169	52	21	53	28	17	11	0	0	2	90	0	1
	DAMAGE	480	145	21	117	98	73	2	3	0	0	227	0	1
	TOTAL	655	200	44	170	128	91	15	3	0	2	321	0	2
CAMDEN CO	FATAL	16	10	6	2	4	1	1	0	0	2	8	0	0
	INJURY	248	65	34	54	86	16	28	0	1	5	94	0	1
	DAMAGE	802	113	34	198	293	105	9	6	0	0	167	1	6
	TOTAL	1066	188	74	254	383	122	38	6	1	7	269	1	7
CAMDENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	4	3	7	12	2	4	0	1	2	7	0	0
	DAMAGE	166	7	5	52	68	22	3	1	0	0	19	1	0
	TOTAL	192	11	8	59	80	24	7	1	1	2	26	1	0
FOUR SEASONS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	0	1	0	0	0	0	0	1	0	0
	DAMAGE	3	0	0	0	2	2	0	0	0	0	0	0	0
	TOTAL	5	0	1	0	3	2	0	0	0	0	1	0	0
LAKE OZA/CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	0	0	0	3	0	0	0	0	0	2	0	0
	DAMAGE	48	3	0	11	21	5	1	1	0	0	5	0	0
	TOTAL	54	3	0	11	24	5	1	1	0	0	7	0	0
OSAGE BEA/CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	68	6	4	20	32	6	6	0	0	1	9	0	0
	DAMAGE	255	16	6	58	96	38	3	2	0	0	28	0	5
	TOTAL	323	22	10	78	128	44	9	2	0	1	37	0	5
RICHLAND/CAM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	16	10	6	2	4	1	1	0	0	2	8	0	0
	INJURY	146	55	26	27	38	8	18	0	0	2	75	0	1
	DAMAGE	329	87	23	77	106	38	2	2	0	0	115	0	1
	TOTAL	491	152	55	106	148	47	21	2	0	4	198	0	2

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
CAPE GIRARDEAU CO	FATAL	3	0	2	1	0	0	0	0	0	1	2	0	0
	INJURY	434	73	29	120	140	32	21	0	9	14	100	0	5
	DAMAGE	2144	277	26	632	673	160	9	5	4	0	295	2	19
	TOTAL	2581	350	57	753	813	192	30	5	13	15	397	2	24
CAPE GIR/CAP	FATAL	1	0	1	1	0	0	0	0	0	0	1	0	0
	INJURY	203	22	8	53	69	13	5	0	8	9	25	0	1
	DAMAGE	1547	148	2	447	512	94	6	4	4	0	154	1	5
	TOTAL	1751	170	11	501	581	107	11	4	12	9	180	1	6
JACKSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	81	13	1	21	32	5	3	0	1	2	13	0	0
	DAMAGE	293	42	7	102	92	34	0	0	0	0	35	0	3
	TOTAL	374	55	8	123	124	39	3	0	1	2	48	0	3
POP UNDER 1000	FATAL	2	0	1	0	0	0	0	0	0	1	1	0	0
	INJURY	150	38	20	46	39	14	13	0	0	3	62	0	4
	DAMAGE	303	87	17	83	69	31	3	1	0	0	106	1	11
	TOTAL	455	125	38	129	108	45	16	1	0	4	169	1	15
CARROLL CO	FATAL	4	1	2	3	1	0	0	0	0	0	2	0	0
	INJURY	45	8	6	6	11	0	4	0	0	2	25	0	0
	DAMAGE	100	16	8	24	32	18	0	0	0	0	32	0	0
	TOTAL	149	25	16	33	44	18	4	0	0	2	59	0	0
CARROLLTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	0	0	6	0	0	0	0	2	2	0	0
	DAMAGE	48	6	2	12	20	9	0	0	0	0	10	0	0
	TOTAL	59	7	2	12	26	9	0	0	0	2	12	0	0
POP UNDER 1000	FATAL	4	1	2	3	1	0	0	0	0	0	2	0	0
	INJURY	34	7	6	6	5	0	4	0	0	0	23	0	0
	DAMAGE	52	10	6	12	12	9	0	0	0	0	22	0	0
	TOTAL	90	18	14	21	18	9	4	0	0	0	47	0	0
CARTER CO	FATAL	4	0	1	0	2	3	0	0	0	0	1	1	0
	INJURY	36	20	7	11	4	4	1	0	0	0	19	0	1
	DAMAGE	83	26	9	12	22	10	0	0	0	0	34	0	1
	TOTAL	123	46	17	23	28	17	1	0	0	0	54	1	2
POP UNDER 1000	FATAL	4	0	1	0	2	3	0	0	0	0	1	1	0
	INJURY	36	20	7	11	4	4	1	0	0	0	19	0	1
	DAMAGE	83	26	9	12	22	10	0	0	0	0	34	0	1
	TOTAL	123	46	17	23	28	17	1	0	0	0	54	1	2
CASS CO	FATAL	10	3	7	3	1	1	1	0	0	0	4	0	0
	INJURY	474	130	45	143	118	22	47	3	9	5	135	1	4
	DAMAGE	1353	237	63	412	380	121	10	14	0	0	275	2	19
	TOTAL	1837	370	115	558	499	144	58	17	9	5	414	3	23
BELTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	184	26	10	46	55	7	10	1	5	3	21	0	3
	DAMAGE	474	49	20	135	155	27	5	2	0	0	34	0	16
	TOTAL	658	75	30	181	210	34	15	3	5	3	55	0	19
DREXEL/CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	1	1	1	0	0	0	0	0	1	0	0
	TOTAL	5	0	1	1	1	0	0	0	0	0	1	0	0
GARDENCITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	1	0	2	1	1	0	0	0	0	1	0	0
	TOTAL	5	1	0	2	1	1	0	0	0	0	1	0	0
HARRISONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	44	10	4	12	14	4	5	0	1	1	12	0	0
	DAMAGE	223	33	6	62	69	26	1	2	0	0	34	0	1
	TOTAL	267	43	10	74	83	30	6	2	1	1	46	0	1
KANSASCITY/CAS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	1	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	1	0	0	0	0	0	0
PECULIAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	6	0	4	1	0	1	0	0	0	4	0	0
	DAMAGE	58	11	1	18	15	12	0	1	0	0	15	0	0
	TOTAL	71	17	1	22	16	12	1	1	0	0	19	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
PLEASANT HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	4	3	8	2	1	1	0	1	0	6	0	0
	DAMAGE	63	15	4	26	20	6	1	2	0	0	16	0	0
	TOTAL	85	19	7	34	22	7	2	2	1	0	22	0	0
RAYMORE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	33	8	3	18	7	1	5	1	1	0	7	0	0
	DAMAGE	163	25	6	57	40	6	2	2	0	0	31	0	1
	TOTAL	196	33	9	75	47	7	7	3	1	0	38	0	1
POP UNDER 1000	FATAL	10	3	7	3	1	1	1	0	0	0	4	0	0
	INJURY	177	76	25	55	39	9	24	1	1	1	85	1	1
	DAMAGE	362	103	25	111	79	43	1	5	0	0	143	2	1
	TOTAL	549	182	57	169	119	53	26	6	1	1	232	3	2
CEDAR CO	FATAL	3	0	0	0	2	1	0	0	0	0	0	0	0
	INJURY	64	17	3	18	19	6	3	0	2	0	28	0	0
	DAMAGE	96	15	3	27	29	9	0	1	0	0	29	0	0
	TOTAL	163	32	6	45	50	16	3	1	2	0	57	0	0
EL DORADO SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	1	1	8	5	2	0	0	2	0	2	0	0
	DAMAGE	48	3	1	18	17	4	0	0	0	0	7	0	0
	TOTAL	63	4	2	26	22	6	0	0	2	0	9	0	0
STOCKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	2	0	0	1	1	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	3	0	0	0	2	1	0	0	0	0	0	0	0
	INJURY	48	16	2	10	13	4	3	0	0	0	26	0	0
	DAMAGE	47	12	2	8	12	5	0	1	0	0	21	0	0
	TOTAL	98	28	4	18	27	10	3	1	0	0	47	0	0
CHARITON CO	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	29	11	3	9	5	2	1	0	0	1	16	0	0
	DAMAGE	77	18	0	10	23	10	1	0	0	0	20	0	1
	TOTAL	107	29	3	19	28	12	2	0	0	1	37	0	1
GLASGOW/CHA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
SALISBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	16	2	0	1	7	1	0	0	0	0	0	0	0
	TOTAL	18	2	0	2	8	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	27	11	3	8	4	2	1	0	0	1	15	0	0
	DAMAGE	60	16	0	9	16	9	1	0	0	0	20	0	1
	TOTAL	88	27	3	17	20	11	2	0	0	1	36	0	1
CHRISTIAN CO	FATAL	5	2	1	0	2	2	0	0	0	0	2	0	0
	INJURY	347	78	31	111	106	18	27	0	4	3	107	0	2
	DAMAGE	754	149	29	255	180	58	5	5	0	1	159	0	3
	TOTAL	1106	229	61	366	288	78	32	5	4	4	268	0	5
BILLINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	0	3	2	1	1	0	0	0	4	0	0
	DAMAGE	13	0	0	6	5	1	0	0	0	0	0	0	0
	TOTAL	23	2	0	9	7	2	1	0	0	0	4	0	0
CLEVER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	1	0	0	0	0	0	0	1	0	0
	DAMAGE	3	1	0	2	1	0	0	0	0	0	1	0	0
	TOTAL	5	2	0	3	1	0	0	0	0	0	2	0	0
NIXA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	57	3	5	16	18	3	2	0	2	2	9	0	0
	DAMAGE	189	24	7	67	49	14	3	2	0	0	22	0	0
	TOTAL	246	27	12	83	67	17	5	2	2	2	31	0	0
OZARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	96	11	8	28	35	5	4	0	2	1	18	0	2
	DAMAGE	259	35	4	82	72	17	0	1	0	1	24	0	3
	TOTAL	355	46	12	110	107	22	4	1	2	2	42	0	5

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
REPUBLIC/CHR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	1	0	1	0	0	0	0	0	0	0
	TOTAL	1	0	0	1	0	1	0	0	0	0	0	0	0
SPARTA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	2	1	0	1	0	0	0	0	0	0
	DAMAGE	10	1	1	2	1	0	0	0	0	0	2	0	0
	TOTAL	13	1	1	4	2	0	1	0	0	0	2	0	0
POP UNDER 1000	FATAL	5	2	1	0	2	2	0	0	0	0	2	0	0
	INJURY	179	61	18	61	50	9	19	0	0	0	75	0	0
	DAMAGE	281	88	17	95	53	26	2	2	0	0	110	0	0
	TOTAL	465	151	36	156	105	37	21	2	0	0	187	0	0
CLARK CO	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	8	1	6	11	3	2	0	0	0	9	0	0
	DAMAGE	75	16	4	17	31	11	2	0	0	0	14	1	2
	TOTAL	99	24	5	23	42	14	4	0	0	0	23	1	2
KAHOKA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	22	1	0	7	10	0	2	0	0	0	0	0	0
	TOTAL	24	2	0	7	12	0	2	0	0	0	0	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	7	1	6	9	3	2	0	0	0	9	0	0
	DAMAGE	53	15	4	10	21	11	0	0	0	0	14	1	2
	TOTAL	75	22	5	16	30	14	2	0	0	0	23	1	2
CLAY CO	FATAL	26	9	6	7	7	1	5	0	0	2	14	0	1
	INJURY	1198	267	94	290	338	89	78	8	4	24	276	0	36
	DAMAGE	4079	722	144	895	1004	388	25	23	3	5	818	0	99
	TOTAL	5303	998	244	1192	1349	478	108	31	7	31	1108	0	136
CLAYCOMO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	5	0	3	0	0	4	0	0	0	6	0	0
	DAMAGE	53	14	1	12	15	9	0	0	0	0	23	0	1
	TOTAL	66	19	1	15	15	9	4	0	0	0	29	0	1
EXCELS SPGS/CLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	64	16	7	22	24	1	2	0	0	2	17	0	0
	DAMAGE	184	36	7	51	52	16	3	0	0	0	37	0	0
	TOTAL	248	52	14	73	76	17	5	0	0	2	54	0	0
GLADSTONE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	123	22	11	26	47	7	8	2	1	2	12	0	2
	DAMAGE	397	49	19	106	119	24	0	0	0	0	66	0	4
	TOTAL	520	71	30	132	166	31	8	2	1	2	78	0	6
KANSASCITY/CLA	FATAL	8	4	2	1	2	0	2	0	0	1	6	0	0
	INJURY	454	117	35	80	116	31	32	1	0	10	114	0	17
	DAMAGE	1845	332	58	341	408	130	14	9	2	4	374	0	40
	TOTAL	2307	453	95	422	526	161	48	10	2	15	494	0	57
KEARNEY	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	39	2	2	21	9	1	2	0	0	1	3	0	0
	DAMAGE	135	20	2	45	32	16	1	2	0	0	25	0	1
	TOTAL	175	22	4	67	42	17	3	2	0	1	28	0	1
LAWSON/CLA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	0	1	0	0	0	1	0	0
	DAMAGE	8	2	0	4	3	0	0	0	0	0	2	0	0
	TOTAL	10	2	0	4	5	0	1	0	0	0	3	0	0
LIBERTY	FATAL	3	1	0	0	0	0	1	0	0	1	2	0	1
	INJURY	225	37	13	75	63	20	11	3	3	5	37	0	7
	DAMAGE	642	86	23	196	168	61	1	10	1	0	90	0	8
	TOTAL	870	124	36	271	231	81	13	13	4	6	129	0	16
NORTH KANSAS CITY	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	108	16	11	17	37	16	3	0	0	3	14	0	9
	DAMAGE	391	56	9	37	109	82	1	1	0	1	52	0	39
	TOTAL	500	72	20	55	146	98	4	1	0	4	66	0	48
PLEASANT VALLEY	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	18	3	1	1	3	2	0	0	0	0	5	0	0
	DAMAGE	57	19	1	7	16	7	0	0	0	0	19	0	3
	TOTAL	76	22	3	8	20	9	0	0	0	0	24	0	3

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
SMITHVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	6	3	6	9	1	2	0	0	1	6	0	0
	DAMAGE	69	13	2	24	17	3	3	0	0	0	11	0	0
	TOTAL	94	19	5	30	26	4	5	0	0	1	17	0	0
POP UNDER 1000	FATAL	12	4	3	4	3	1	2	0	0	0	6	0	0
	INJURY	128	43	11	39	28	10	14	2	0	0	61	0	1
	DAMAGE	304	98	22	74	65	41	2	1	0	0	123	0	3
	TOTAL	444	145	36	117	96	52	18	3	0	0	190	0	4
CLINTON CO	FATAL	2	2	1	0	1	1	0	0	0	0	0	0	0
	INJURY	83	24	8	22	28	9	4	0	1	2	37	1	0
	DAMAGE	200	71	15	56	43	31	0	1	0	0	74	1	3
	TOTAL	285	97	24	78	72	41	4	1	1	2	111	2	3
CAMERON/CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	2	2	4	1	0	0	0	0	2	0	0
	DAMAGE	48	13	5	14	16	4	0	0	0	0	14	0	0
	TOTAL	57	15	7	16	20	5	0	0	0	0	16	0	0
GOWER/CLI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	7	0	0	2	2	2	0	0	0	0	1	0	0
	TOTAL	8	0	0	2	2	2	0	0	0	0	1	0	0
LATHROP	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	3	1	0	0	1	0	0	0	0
	DAMAGE	8	1	1	3	1	2	0	0	0	0	3	0	0
	TOTAL	11	1	1	3	4	3	0	0	1	0	3	0	0
PLATTSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	3	1	0	0	0	0	0	0	0	0
	DAMAGE	18	4	0	5	5	2	0	1	0	0	4	0	1
	TOTAL	21	4	0	8	6	2	0	1	0	0	4	0	1
POP UNDER 1000	FATAL	2	2	1	0	1	1	0	0	0	0	0	0	0
	INJURY	67	22	6	17	20	7	4	0	0	2	35	1	0
	DAMAGE	119	53	9	32	19	21	0	0	0	0	52	1	2
	TOTAL	188	77	16	49	40	29	4	0	0	2	87	2	2
COLE CO	FATAL	6	1	1	2	4	1	0	0	0	0	0	0	0
	INJURY	459	74	20	142	137	35	22	2	8	20	98	0	3
	DAMAGE	1226	169	50	349	344	106	2	11	0	3	198	0	7
	TOTAL	1691	244	71	493	485	142	24	13	8	23	296	0	10
JEFF CITY/COL	FATAL	2	0	0	1	2	0	0	0	0	0	0	0	0
	INJURY	338	31	11	105	107	25	16	2	6	18	49	0	1
	DAMAGE	973	82	29	263	299	84	1	8	0	3	102	0	4
	TOTAL	1313	113	40	369	408	109	17	10	6	21	151	0	5
ST. MARTINS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	2	0	2	0	0	0	0	0	0	0	0	0
	TOTAL	3	2	0	2	0	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	4	1	1	1	2	1	0	0	0	0	0	0	0
	INJURY	121	43	9	37	30	10	6	0	2	2	49	0	2
	DAMAGE	250	85	21	84	45	22	1	3	0	0	96	0	3
	TOTAL	375	129	31	122	77	33	7	3	2	2	145	0	5
COOPER CO	FATAL	4	1	1	1	0	2	0	0	0	1	2	0	0
	INJURY	109	34	14	28	30	15	6	0	0	2	48	2	1
	DAMAGE	406	90	19	77	101	59	2	1	0	0	158	1	2
	TOTAL	519	125	34	106	131	76	8	1	0	3	208	3	3
BOONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	8	3	12	15	4	0	0	0	2	4	0	1
	DAMAGE	185	15	8	43	54	20	1	0	0	0	22	0	2
	TOTAL	220	23	11	55	69	24	1	0	0	2	26	0	3
POP UNDER 1000	FATAL	4	1	1	1	0	2	0	0	0	1	2	0	0
	INJURY	74	26	11	16	15	11	6	0	0	0	44	2	0
	DAMAGE	221	75	11	34	47	39	1	1	0	0	136	1	0
	TOTAL	299	102	23	51	62	52	7	1	0	1	182	3	0
CRAWFORD CO	FATAL	3	0	0	1	1	0	0	0	0	0	2	0	0
	INJURY	131	39	17	23	34	17	9	0	0	4	56	0	0
	DAMAGE	453	135	15	83	114	69	4	3	0	0	186	0	1
	TOTAL	587	174	32	107	149	86	13	3	0	4	244	0	1

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
BOURBON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	4	2	2	3	0	1	0	0	2	4	0	0
	DAMAGE	52	13	4	6	16	9	0	1	0	0	24	0	0
	TOTAL	63	17	6	8	19	9	1	1	0	2	28	0	0
CUBA	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	20	3	1	6	8	2	0	0	0	1	0	0	0
	DAMAGE	80	6	2	20	22	12	0	0	0	0	11	0	0
	TOTAL	101	9	3	26	31	14	0	0	0	1	12	0	0
STEELVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	1	3	1	1	0	0	0	1	0	0
	DAMAGE	28	1	0	7	11	2	0	0	0	0	4	0	0
	TOTAL	35	2	0	8	14	3	1	0	0	0	5	0	0
SULLIVAN/CRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	1	1	0	0	0	0	0	0	0
	DAMAGE	15	1	0	6	5	1	0	0	0	0	1	0	0
	TOTAL	19	1	0	6	6	2	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	2	0	0	1	0	0	0	0	0	0	1	0	0
	INJURY	89	31	14	14	19	13	7	0	0	1	51	0	0
	DAMAGE	278	114	9	44	60	45	4	2	0	0	146	0	1
	TOTAL	369	145	23	59	79	58	11	2	0	1	198	0	1
DADE CO	FATAL	2	0	2	0	0	0	0	0	0	0	0	0	0
	INJURY	28	7	2	10	9	2	2	0	0	0	16	0	0
	DAMAGE	41	6	2	13	11	3	0	0	0	0	13	0	1
	TOTAL	71	13	6	23	20	5	2	0	0	0	29	0	1
GREENFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	2	1	0	0	0	0	0	0	0
	DAMAGE	5	0	0	2	4	0	0	0	0	0	0	0	0
	TOTAL	7	0	0	3	6	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	0	2	0	0	0	0	0	0	0	0	0	0
	INJURY	26	7	2	9	7	1	2	0	0	0	16	0	0
	DAMAGE	36	6	2	11	7	3	0	0	0	0	13	0	1
	TOTAL	64	13	6	20	14	4	2	0	0	0	29	0	1
DALLAS CO	FATAL	4	2	1	0	2	2	1	0	0	0	1	0	1
	INJURY	98	52	20	26	28	7	8	0	0	1	40	0	4
	DAMAGE	146	51	9	34	36	21	0	1	1	0	45	0	4
	TOTAL	248	105	30	60	66	30	9	1	1	1	86	0	9
BUFFALO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	4	2	7	7	1	1	0	0	1	3	0	1
	DAMAGE	45	4	3	9	17	4	0	0	0	0	4	0	0
	TOTAL	62	8	5	16	24	5	1	0	0	1	7	0	1
POP UNDER 1000	FATAL	4	2	1	0	2	2	1	0	0	0	1	0	1
	INJURY	81	48	18	19	21	6	7	0	0	0	37	0	3
	DAMAGE	101	47	6	25	19	17	0	1	1	0	41	0	4
	TOTAL	186	97	25	44	42	25	8	1	1	0	79	0	8
DAVISS CO	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	56	23	3	12	11	5	1	0	0	0	26	0	1
	DAMAGE	92	35	2	16	26	21	0	0	0	0	29	0	1
	TOTAL	150	59	5	28	38	27	1	0	0	0	56	0	2
GALLATIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	8	3	0	0	5	0	0	0	0	0	1	0	1
	TOTAL	9	3	0	1	5	0	0	0	0	0	1	0	1
POP UNDER 1000	FATAL	2	1	0	0	1	1	0	0	0	0	1	0	0
	INJURY	55	23	3	11	11	5	1	0	0	0	26	0	1
	DAMAGE	84	32	2	16	21	21	0	0	0	0	28	0	0
	TOTAL	141	56	5	27	33	27	1	0	0	0	55	0	1
DEKALB CO	FATAL	3	1	0	0	0	1	0	0	0	0	1	0	0
	INJURY	54	18	4	16	12	5	1	0	1	1	21	0	0
	DAMAGE	157	28	6	36	48	27	0	1	0	0	45	0	0
	TOTAL	214	47	10	52	60	33	1	1	1	1	67	0	0
CAMERON/DEK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	1	4	3	1	0	0	0	0	1	0	0
	DAMAGE	68	10	3	13	25	13	0	0	0	0	10	0	0
	TOTAL	78	12	4	17	28	14	0	0	0	0	11	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MAYSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	1	0	0	0	1	0	1	0	0	0	0
	DAMAGE	5	1	0	1	2	0	0	0	0	0	2	0	0
	TOTAL	7	2	1	1	2	0	1	0	1	0	2	0	0
POP UNDER 1000	FATAL	3	1	0	0	0	1	0	0	0	0	1	0	0
	INJURY	42	15	2	12	9	4	0	0	0	1	20	0	0
	DAMAGE	84	17	3	22	21	14	0	1	0	0	33	0	0
	TOTAL	129	33	5	34	30	19	0	1	0	1	54	0	0
DENT CO	FATAL	3	0	0	2	0	0	0	0	0	0	1	0	0
	INJURY	83	27	13	20	24	5	4	0	0	0	34	1	0
	DAMAGE	213	50	8	49	56	18	2	1	0	0	59	0	0
	TOTAL	299	77	21	71	80	23	6	1	0	0	94	1	0
SALEM	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	22	1	1	6	10	1	1	0	0	0	2	0	0
	DAMAGE	79	5	0	24	27	7	2	0	0	0	4	0	0
	TOTAL	101	6	1	30	37	8	3	0	0	0	6	0	0
POP UNDER 1000	FATAL	3	0	0	2	0	0	0	0	0	0	1	0	0
	INJURY	61	26	12	14	14	4	3	0	0	0	32	1	0
	DAMAGE	134	45	8	25	29	11	0	1	0	0	55	0	0
	TOTAL	198	71	20	41	43	15	3	1	0	0	88	1	0
DOUGLAS CO	FATAL	3	2	0	0	1	0	0	0	0	0	2	0	0
	INJURY	69	20	11	19	17	7	4	0	0	1	33	0	0
	DAMAGE	121	33	8	40	34	12	0	2	0	0	46	0	0
	TOTAL	193	55	19	59	52	19	4	2	0	1	81	0	0
AVA	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	19	4	2	9	6	1	1	0	0	0	4	0	0
	DAMAGE	39	4	2	21	16	0	0	0	0	0	5	0	0
	TOTAL	59	8	4	30	23	1	1	0	0	0	9	0	0
POP UNDER 1000	FATAL	2	2	0	0	0	0	0	0	0	0	2	0	0
	INJURY	50	16	9	10	11	6	3	0	0	1	29	0	0
	DAMAGE	82	29	6	19	18	12	0	2	0	0	41	0	0
	TOTAL	134	47	15	29	29	18	3	2	0	1	72	0	0
DUNKLIN CO	FATAL	7	1	2	1	4	1	0	0	0	0	3	0	0
	INJURY	217	63	17	70	66	12	6	0	1	1	79	0	3
	DAMAGE	388	53	11	108	125	33	2	0	1	0	74	1	9
	TOTAL	612	117	30	179	195	46	8	0	2	1	156	1	12
CAMPBELL	FATAL	1	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	5	1	0	1	1	0	0	0	0	0	1	0	0
	DAMAGE	20	2	2	4	8	4	0	0	0	0	6	0	1
	TOTAL	26	3	3	5	10	4	0	0	0	0	7	0	1
CLARKTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	0	2	0	0	0	0	1	0	0	0
	DAMAGE	3	1	0	1	1	0	0	0	0	0	1	0	0
	TOTAL	6	1	0	1	3	0	0	0	0	1	1	0	0
KENNETT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	68	7	1	26	32	1	2	0	1	0	11	0	1
	DAMAGE	199	11	5	65	72	9	2	0	1	0	15	0	2
	TOTAL	267	18	6	91	104	10	4	0	2	0	26	0	3
MALDEN/DUN	FATAL	2	0	0	0	2	0	0	0	0	0	1	0	0
	INJURY	15	1	0	6	4	0	0	0	0	0	4	0	0
	DAMAGE	45	5	0	11	21	2	0	0	0	0	3	0	0
	TOTAL	62	6	0	17	27	2	0	0	0	0	8	0	0
SENATH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	4	1	1	1	1	1	0	0	0	0	2	0	0
	INJURY	126	54	16	37	27	11	4	0	0	0	63	0	2
	DAMAGE	120	34	4	27	23	18	0	0	0	0	48	1	6
	TOTAL	250	89	21	65	51	30	4	0	0	0	113	1	8
FRANKLIN CO	FATAL	24	12	6	10	8	4	3	0	0	2	9	0	0
	INJURY	702	232	81	208	180	46	48	4	6	15	243	2	16
	DAMAGE	2149	477	81	577	547	272	12	3	2	2	529	2	25
	TOTAL	2875	721	168	795	735	322	63	7	8	19	781	4	41

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
GERALD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	2	0	0	0	0	0	1	0	0
	DAMAGE	13	2	1	4	2	2	0	0	0	0	4	0	0
	TOTAL	16	3	1	5	4	2	0	0	0	0	5	0	0
NEW HAVEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	1	0	0	0	0	0	0
	DAMAGE	21	2	1	1	7	6	0	0	0	0	4	0	1
	TOTAL	23	2	1	1	8	6	1	0	0	0	4	0	1
PACIFIC/FRA	FATAL	2	1	0	1	0	0	1	0	0	0	2	0	0
	INJURY	23	5	2	5	5	2	2	0	0	2	3	0	0
	DAMAGE	144	28	1	34	39	24	1	0	1	0	19	0	1
	TOTAL	169	34	3	40	44	26	4	0	1	2	24	0	1
ST. CLAIR	FATAL	2	0	1	1	0	0	0	0	0	1	0	0	0
	INJURY	52	8	4	19	16	0	3	0	1	0	12	0	2
	DAMAGE	182	43	3	41	56	21	2	0	0	0	48	0	6
	TOTAL	236	51	8	61	72	21	5	0	1	1	60	0	8
SULLIVAN/FRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	3	2	3	8	2	3	0	2	1	1	0	1
	DAMAGE	117	10	4	42	43	17	0	0	0	0	7	0	2
	TOTAL	138	13	6	45	51	19	3	0	2	1	8	0	3
UNION	FATAL	1	1	0	1	0	1	1	0	0	0	0	0	0
	INJURY	91	6	2	29	28	6	4	2	1	3	11	0	0
	DAMAGE	303	30	5	93	98	19	2	0	1	2	32	0	2
	TOTAL	395	37	7	123	126	26	7	2	2	5	43	0	2
WASHINGTON	FATAL	2	0	0	0	2	0	0	0	0	0	1	0	0
	INJURY	89	12	7	35	27	7	2	1	1	4	11	0	1
	DAMAGE	412	40	13	143	113	48	2	0	0	0	31	0	2
	TOTAL	503	52	20	178	142	55	4	1	1	4	43	0	3
POP UNDER 1000	FATAL	17	10	5	7	6	3	1	0	0	1	6	0	0
	INJURY	421	197	64	116	93	29	33	1	1	5	204	2	12
	DAMAGE	957	322	53	219	189	135	5	3	0	0	384	2	11
	TOTAL	1395	529	122	342	288	167	39	4	1	6	594	4	23
GASCONADE CO	FATAL	6	3	2	2	2	1	0	0	0	0	2	0	0
	INJURY	74	25	6	29	18	4	6	0	0	0	35	0	0
	DAMAGE	247	48	9	86	59	18	1	0	0	0	73	0	0
	TOTAL	327	76	17	117	79	23	7	0	0	0	110	0	0
HERMANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	1	1	3	1	0	0	0	0	2	0	0
	DAMAGE	46	3	0	22	18	3	0	0	0	0	3	0	0
	TOTAL	54	4	1	23	21	4	0	0	0	0	5	0	0
OWENSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	3	1	9	5	3	1	0	0	0	2	0	0
	DAMAGE	69	3	1	22	20	5	0	0	0	0	12	0	0
	TOTAL	83	6	2	31	25	8	1	0	0	0	14	0	0
POP UNDER 1000	FATAL	6	3	2	2	2	1	0	0	0	0	2	0	0
	INJURY	52	21	4	19	10	0	5	0	0	0	31	0	0
	DAMAGE	133	42	8	43	21	10	1	0	0	0	58	0	0
	TOTAL	191	66	14	64	33	11	6	0	0	0	91	0	0
GENTRY CO	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	35	13	1	9	13	3	0	0	0	0	16	0	0
	DAMAGE	73	14	3	22	15	7	0	0	0	0	24	1	0
	TOTAL	109	27	4	32	28	10	0	0	0	0	40	1	0
ALBANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	2	1	0	0	0	0	1	0	0
	DAMAGE	17	3	0	7	6	2	0	0	0	0	4	0	0
	TOTAL	21	4	0	9	8	3	0	0	0	0	5	0	0
KING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	3	0	0	2	1	0	0	0	0	0	0	0	0
STANBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	2	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	0	2	0	0	0	0	0	2	0	0
	TOTAL	6	0	0	0	4	0	0	0	0	0	2	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	27	12	1	6	8	2	0	0	0	0	15	0	0
	DAMAGE	51	11	3	14	7	5	0	0	0	0	18	1	0
	TOTAL	79	23	4	21	15	7	0	0	0	0	33	1	0
GREENE CO	FATAL	26	15	5	7	4	3	9	0	0	1	9	0	1
	INJURY	2296	312	127	674	782	110	106	3	44	52	290	1	10
	DAMAGE	5234	617	134	1514	1629	414	14	25	4	1	642	4	30
	TOTAL	7556	944	266	2195	2415	527	129	28	48	54	941	5	41
ASH GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	0	2	0	0	0	0	0	0	0	0
BATTLEFIELD	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	10	3	1	4	5	0	1	0	0	0	3	0	0
	DAMAGE	28	4	0	11	6	4	1	0	0	0	7	0	0
	TOTAL	39	8	2	15	11	4	2	0	0	0	11	0	0
FAIR GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	2	0	0	0	0	0	0	1	0	0
	TOTAL	4	0	0	2	0	0	0	0	0	0	1	0	0
REPUBLIC/GRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	71	12	4	18	27	4	6	0	1	1	16	0	0
	DAMAGE	184	15	6	56	51	18	0	1	1	0	24	0	1
	TOTAL	255	27	10	74	78	22	6	1	2	1	40	0	1
ROGERSVIL/GRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	2	0	8	6	3	0	0	1	0	3	0	0
	DAMAGE	37	3	0	11	10	9	0	0	0	0	4	0	3
	TOTAL	55	5	0	19	16	12	0	0	1	0	7	0	3
SPRINGFIELD	FATAL	17	10	4	4	2	2	9	0	0	1	5	0	0
	INJURY	1870	177	86	552	660	73	69	3	41	47	144	1	8
	DAMAGE	4215	363	89	1247	1379	281	12	20	3	1	326	1	17
	TOTAL	6102	550	179	1803	2041	356	90	23	44	49	475	2	25
STRAFFORD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	2	0	4	5	2	1	0	0	0	4	0	0
	DAMAGE	68	25	4	20	16	11	0	0	0	0	39	0	0
	TOTAL	79	27	4	24	21	13	1	0	0	0	43	0	0
WILLARD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	5	2	7	3	1	1	0	0	1	3	0	0
	DAMAGE	22	4	0	10	8	0	0	0	0	0	3	0	1
	TOTAL	41	9	2	17	11	1	1	0	0	1	6	0	1
POP UNDER 1000	FATAL	8	4	0	3	2	1	0	0	0	0	3	0	1
	INJURY	296	111	34	81	75	27	28	0	1	3	117	0	2
	DAMAGE	674	204	35	157	158	90	1	4	0	0	238	3	8
	TOTAL	978	319	69	241	235	118	29	4	1	3	358	3	11
GRUNDY CO	FATAL	3	0	2	0	1	0	0	0	0	0	1	0	0
	INJURY	41	8	3	10	14	3	4	0	0	2	10	0	1
	DAMAGE	172	34	5	51	65	29	1	1	0	1	45	0	0
	TOTAL	216	42	10	61	80	32	5	1	0	3	56	0	1
TRENTON	FATAL	1	0	1	0	0	0	0	0	0	0	1	0	0
	INJURY	20	1	1	7	8	0	2	0	0	1	4	0	1
	DAMAGE	127	17	2	39	51	25	1	1	0	1	26	0	0
	TOTAL	148	18	4	46	59	25	3	1	0	2	31	0	1
POP UNDER 1000	FATAL	2	0	1	0	1	0	0	0	0	0	0	0	0
	INJURY	21	7	2	3	6	3	2	0	0	1	6	0	0
	DAMAGE	45	17	3	12	14	4	0	0	0	0	19	0	0
	TOTAL	68	24	6	15	21	7	2	0	0	1	25	0	0
HARRISON CO	FATAL	3	2	3	1	0	0	1	0	0	0	1	0	0
	INJURY	45	12	4	12	12	5	2	0	0	0	18	0	0
	DAMAGE	178	51	11	45	51	27	0	0	0	0	56	1	0
	TOTAL	226	65	18	58	63	32	3	0	0	0	75	1	0
BETHANY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	1	1	3	4	1	0	0	0	0	2	0	0
	DAMAGE	52	5	0	19	18	5	0	0	0	0	12	0	0
	TOTAL	63	6	1	22	22	6	0	0	0	0	14	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	3	2	3	1	0	0	1	0	0	0	1	0	0
	INJURY	34	11	3	9	8	4	2	0	0	0	16	0	0
	DAMAGE	126	46	11	26	33	22	0	0	0	0	44	1	0
	TOTAL	163	59	17	36	41	26	3	0	0	0	61	1	0
HENRY CO	FATAL	3	1	0	0	2	1	0	0	0	0	1	0	0
	INJURY	142	37	14	34	47	10	11	0	1	4	47	0	2
	DAMAGE	302	38	20	65	108	29	3	0	0	0	71	0	6
	TOTAL	447	76	34	99	157	40	14	0	1	4	119	0	8
CLINTON	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	53	5	1	15	23	5	5	0	1	2	6	0	0
	DAMAGE	158	9	11	36	70	10	1	0	0	0	20	0	3
	TOTAL	212	14	12	51	93	16	6	0	1	2	26	0	3
WINDSOR/HEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	1	0	1	0	0	0	0	0	1	0	0
	DAMAGE	11	0	0	1	4	2	1	0	0	0	0	0	0
	TOTAL	14	1	1	1	5	2	1	0	0	0	1	0	0
POP UNDER 1000	FATAL	2	1	0	0	2	0	0	0	0	0	1	0	0
	INJURY	86	31	12	19	23	5	6	0	0	2	40	0	2
	DAMAGE	133	29	9	28	34	17	1	0	0	0	51	0	3
	TOTAL	221	61	21	47	59	22	7	0	0	2	92	0	5
HICKORY CO	FATAL	4	3	3	0	2	0	0	0	0	0	2	0	0
	INJURY	36	24	6	6	13	1	3	0	1	0	19	0	1
	DAMAGE	44	12	2	8	13	5	1	0	0	0	16	0	1
	TOTAL	84	39	11	14	28	6	4	0	1	0	37	0	2
POP UNDER 1000	FATAL	4	3	3	0	2	0	0	0	0	0	2	0	0
	INJURY	36	24	6	6	13	1	3	0	1	0	19	0	1
	DAMAGE	44	12	2	8	13	5	1	0	0	0	16	0	1
	TOTAL	84	39	11	14	28	6	4	0	1	0	37	0	2
HOLT CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	42	13	9	10	8	4	3	0	0	0	29	0	1
	DAMAGE	72	16	3	8	14	14	0	0	0	0	29	2	1
	TOTAL	114	29	12	18	22	18	3	0	0	0	58	2	2
MOUND CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	0	0	0	0	0	0	2	0	0
	DAMAGE	5	0	0	1	0	1	0	0	0	0	3	0	0
	TOTAL	7	0	0	1	0	1	0	0	0	0	5	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	40	13	9	10	8	4	3	0	0	0	27	0	1
	DAMAGE	67	16	3	7	14	13	0	0	0	0	26	2	1
	TOTAL	107	29	12	17	22	17	3	0	0	0	53	2	2
HOWARD CO	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	43	19	8	14	11	1	2	0	1	0	23	0	0
	DAMAGE	89	30	10	27	15	8	0	1	0	0	43	0	0
	TOTAL	133	50	18	41	26	9	2	1	1	0	66	0	0
FAYETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	2	0	4	2	0	0	0	1	0	0	0	0
	DAMAGE	18	1	0	6	3	2	0	1	0	0	3	0	0
	TOTAL	25	3	0	10	5	2	0	1	1	0	3	0	0
GLASGOW/HOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	1	2	0	0	0	0	0	0	0	0
	TOTAL	6	1	0	2	2	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	35	16	8	9	9	1	2	0	0	0	23	0	0
	DAMAGE	66	29	10	20	10	6	0	0	0	0	40	0	0
	TOTAL	102	46	18	29	19	7	2	0	0	0	63	0	0
HOWELL CO	FATAL	9	4	1	3	4	1	2	0	0	0	5	0	1
	INJURY	262	84	30	76	75	32	20	1	1	4	84	1	7
	DAMAGE	672	122	29	183	204	71	2	6	1	0	152	0	18
	TOTAL	943	210	60	262	283	104	24	7	2	4	241	1	26
MOUNTAIN VIEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	2	0	3	5	1	1	0	0	0	4	0	4
	DAMAGE	42	5	1	13	13	3	0	0	1	0	6	0	10
	TOTAL	55	7	1	16	18	4	1	0	1	0	10	0	14

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
WEST PLAINS	FATAL	2	1	0	1	1	0	0	0	0	0	1	0	0
	INJURY	103	21	9	30	40	12	9	0	1	3	16	0	0
	DAMAGE	350	28	6	111	115	28	0	3	0	0	43	0	1
	TOTAL	455	50	15	142	156	40	9	3	1	3	60	0	1
WILLOW SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	5	1	3	4	2	1	1	0	1	2	0	0
	DAMAGE	19	3	2	4	8	2	0	0	0	0	5	0	1
	TOTAL	32	8	3	7	12	4	1	1	0	1	7	0	1
POP UNDER 1000	FATAL	7	3	1	2	3	1	2	0	0	0	4	0	1
	INJURY	133	56	20	40	26	17	9	0	0	0	62	1	3
	DAMAGE	261	86	20	55	68	38	2	3	0	0	98	0	6
	TOTAL	401	145	41	97	97	56	13	3	0	0	164	1	10
IRON CO	FATAL	3	2	0	1	0	0	0	0	0	0	2	0	0
	INJURY	86	46	14	20	17	8	7	0	0	0	41	0	1
	DAMAGE	93	28	7	17	22	17	0	1	0	0	35	1	1
	TOTAL	182	76	21	38	39	25	7	1	0	0	78	1	2
IRONTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	0	3	3	1	2	0	0	0	0	0	0
	DAMAGE	19	1	0	5	9	3	0	1	0	0	3	0	0
	TOTAL	29	2	0	8	12	4	2	1	0	0	3	0	0
POP UNDER 1000	FATAL	3	2	0	1	0	0	0	0	0	0	2	0	0
	INJURY	76	45	14	17	14	7	5	0	0	0	41	0	1
	DAMAGE	74	27	7	12	13	14	0	0	0	0	32	1	1
	TOTAL	153	74	21	30	27	21	5	0	0	0	75	1	2
JACKSON CO	FATAL	76	42	24	11	17	5	15	0	0	14	29	0	1
	INJURY	5068	1115	357	1199	1376	341	224	33	64	214	910	2	73
	DAMAGE	17035	2573	466	3222	4123	1353	79	120	17	18	2472	6	237
	TOTAL	22179	3730	847	4432	5516	1699	318	153	81	246	3411	8	311
BLUE SPRINGS	FATAL	4	2	2	3	0	0	1	0	0	2	1	0	0
	INJURY	219	44	18	89	64	8	14	2	2	5	34	0	2
	DAMAGE	920	121	35	283	237	56	10	9	1	0	111	1	6
	TOTAL	1143	167	55	375	301	64	25	11	3	7	146	1	8
BUCKNER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	4	0	0	0	0	0	0	0	2	0	0
	DAMAGE	24	2	2	2	6	3	0	0	0	0	4	0	1
	TOTAL	28	4	6	2	6	3	0	0	0	0	6	0	1
GRAIN VALLEY	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	35	10	8	13	7	5	2	0	1	2	9	0	0
	DAMAGE	122	20	9	39	25	18	0	0	0	1	30	0	1
	TOTAL	158	30	17	52	33	23	2	0	1	3	40	0	1
GRANDVIEW	FATAL	4	2	0	0	2	0	1	0	0	1	1	0	0
	INJURY	85	20	12	18	20	4	7	0	2	1	16	0	4
	DAMAGE	391	48	27	108	96	33	7	2	1	2	59	0	13
	TOTAL	480	70	39	126	118	37	15	2	3	4	76	0	17
GREENWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	2	1	4	1	1	1	1	0	0	2	0	1
	DAMAGE	24	6	2	10	8	3	1	0	0	0	6	0	1
	TOTAL	32	8	3	14	9	4	2	1	0	0	8	0	2
INDEPENDENCE/JAC	FATAL	9	6	2	1	1	0	2	0	0	2	4	0	0
	INJURY	908	164	70	261	282	39	36	4	12	38	129	0	12
	DAMAGE	2385	342	83	574	722	143	3	17	3	2	304	1	41
	TOTAL	3302	512	155	836	1005	182	41	21	15	42	437	1	53
KANSASCITY/JAC	FATAL	45	24	15	2	11	5	7	0	0	9	16	0	1
	INJURY	3065	704	161	584	777	237	110	21	34	159	550	2	44
	DAMAGE	10515	1600	184	1384	2364	847	51	77	11	13	1468	3	133
	TOTAL	13625	2328	360	1970	3152	1089	168	98	45	181	2034	5	178
LAKE LOTAWANA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	5	3	5	4	1	1	0	0	0	8	0	0
	DAMAGE	49	15	4	14	14	2	0	0	0	0	20	0	0
	TOTAL	68	20	7	19	18	3	1	0	0	0	28	0	0
LEE'S SUMMIT/JAC	FATAL	6	4	2	2	1	0	2	0	0	0	3	0	0
	INJURY	407	80	41	143	128	24	29	1	10	6	73	0	8
	DAMAGE	1712	280	76	577	434	144	1	9	1	0	254	1	32
	TOTAL	2125	364	119	722	563	168	32	10	11	6	330	1	40

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
OAK GROVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	2	0	6	8	2	1	0	0	0	1	0	1
	DAMAGE	122	12	7	42	29	29	0	1	0	0	16	0	1
	TOTAL	142	14	7	48	37	31	1	1	0	0	17	0	2
RAYTOWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	165	30	19	37	55	7	9	4	3	3	27	0	0
	DAMAGE	385	47	16	105	117	36	2	3	0	0	58	0	1
	TOTAL	550	77	35	142	172	43	11	7	3	3	85	0	1
SUGAR CREEK/JAC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	8	1	1	3	7	3	0	0	0	4	0	0
	DAMAGE	44	4	6	7	10	8	1	1	0	0	12	0	0
	TOTAL	61	12	7	8	13	15	4	1	0	0	16	0	0
POP UNDER 1000	FATAL	7	4	3	3	1	0	2	0	0	0	3	0	0
	INJURY	116	44	19	38	27	6	11	0	0	0	55	0	1
	DAMAGE	342	76	15	77	61	31	3	1	0	0	130	0	7
	TOTAL	465	124	37	118	89	37	16	1	0	0	188	0	8
JASPER CO	FATAL	19	7	5	4	6	5	3	0	1	0	6	0	0
	INJURY	775	134	65	228	226	51	59	3	18	36	161	1	1
	DAMAGE	2431	342	87	682	705	186	15	9	3	2	428	2	10
	TOTAL	3225	483	157	914	937	242	77	12	22	38	595	3	11
CARL JUNCTION	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	7	1	6	2	0	0	0	2	0	4	0	0
	DAMAGE	53	15	0	20	10	3	1	0	0	0	16	0	0
	TOTAL	68	22	1	26	12	3	1	0	2	0	20	0	0
CARTERVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	9	1	0	3	3	0	0	0	0	0	3	0	0
	TOTAL	10	2	0	3	3	0	0	0	0	0	4	0	0
CARTHAGE	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	61	7	1	18	13	6	0	0	5	3	9	0	0
	DAMAGE	185	14	15	59	50	12	2	1	0	0	33	0	1
	TOTAL	247	21	16	78	63	18	2	1	5	3	42	0	1
DUENWEG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	1	0	0	0	0	0	0	1	0	0
	TOTAL	6	1	0	1	1	0	0	0	0	0	1	0	0
DUQUESNE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	0	0	3	8	0	4	0	0	0	1	0	0
	DAMAGE	35	2	0	17	13	1	0	0	0	0	2	0	0
	TOTAL	46	2	0	20	21	1	4	0	0	0	3	0	0
JASPER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	1	0	0	0	0	0	0	0	1	0	0
	TOTAL	1	1	1	0	0	0	0	0	0	0	1	0	0
JOPLIN/JAS	FATAL	3	1	0	1	0	0	3	0	0	0	0	0	0
	INJURY	401	49	26	119	125	14	32	1	10	21	40	0	1
	DAMAGE	1413	102	44	407	451	84	11	3	3	2	132	0	6
	TOTAL	1817	152	70	527	576	98	46	4	13	23	172	0	7
SARCOXIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	1	1	1	1	0	0	0	0	1	0	0
	DAMAGE	1	0	1	0	0	0	0	0	0	0	1	0	0
	TOTAL	3	1	2	1	1	1	0	0	0	0	2	0	0
WEBB CITY	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	60	10	6	17	22	2	6	1	1	7	12	0	0
	DAMAGE	198	12	5	61	64	13	0	2	0	0	16	0	1
	TOTAL	259	23	12	78	86	15	6	3	1	7	29	0	1
POP UNDER 1000	FATAL	14	5	4	2	6	5	0	0	1	0	5	0	0
	INJURY	222	58	30	64	54	28	17	1	0	5	93	1	0
	DAMAGE	532	195	21	114	114	73	1	3	0	0	223	2	2
	TOTAL	768	258	55	180	174	106	18	4	1	5	321	3	2
JEFFERSON CO	FATAL	40	17	17	9	10	3	2	0	0	3	20	1	0
	INJURY	1375	379	130	428	337	92	80	7	7	33	444	0	9
	DAMAGE	3512	642	175	974	866	307	13	28	1	2	785	7	25
	TOTAL	4927	1038	322	1411	1213	402	95	35	8	38	1249	8	34

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
ARNOLD	FATAL	2	0	0	1	1	0	1	0	0	0	1	0	0
	INJURY	198	19	13	67	68	8	8	1	1	6	23	0	5
	DAMAGE	601	35	24	174	172	46	2	1	0	0	60	1	5
	TOTAL	801	54	37	242	241	54	11	2	1	6	84	1	10
BYRNE'S MILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	3	0	7	7	3	0	0	0	0	1	0	0
	DAMAGE	55	7	1	24	13	3	0	0	0	0	7	0	0
	TOTAL	70	10	1	31	20	6	0	0	0	0	8	0	0
CRYSTAL CITY	FATAL	1	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	26	2	1	7	5	2	3	0	3	1	5	0	0
	DAMAGE	110	11	5	26	34	9	0	0	0	0	14	0	1
	TOTAL	137	13	6	34	40	11	3	0	3	1	19	0	1
DE SOTO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	28	4	1	7	4	3	1	0	1	4	4	0	0
	DAMAGE	133	22	5	47	32	11	1	1	0	0	18	0	1
	TOTAL	161	26	6	54	36	14	2	1	1	4	22	0	1
FESTUS	FATAL	4	3	1	1	0	1	0	0	0	0	1	0	0
	INJURY	75	17	2	23	36	9	5	0	0	2	11	0	1
	DAMAGE	360	58	11	113	118	29	0	2	0	0	58	0	4
	TOTAL	439	78	14	137	154	39	5	2	0	2	70	0	5
HERCULANEUM	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	14	3	0	6	6	0	2	0	0	0	0	0	0
	DAMAGE	95	9	4	21	20	17	0	1	0	0	10	1	1
	TOTAL	110	13	5	27	26	17	2	1	0	0	11	1	1
HILLSBORO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	30	8	1	9	5	2	0	0	0	0	4	0	0
	DAMAGE	107	7	0	29	30	6	0	0	0	0	10	1	1
	TOTAL	137	15	1	38	35	8	0	0	0	0	14	1	1
PEVELY	FATAL	1	1	0	0	1	1	0	0	0	0	1	1	0
	INJURY	48	22	6	13	6	6	2	0	0	1	23	0	0
	DAMAGE	173	41	4	42	35	31	0	1	0	0	51	0	1
	TOTAL	222	64	10	55	42	38	2	1	0	1	75	1	1
POP UNDER 1000	FATAL	30	12	15	5	7	1	1	0	0	3	16	0	0
	INJURY	940	301	106	288	200	58	59	5	2	19	372	0	3
	DAMAGE	1877	452	121	497	412	155	10	22	1	2	556	4	11
	TOTAL	2847	765	242	790	619	214	70	27	3	24	944	4	14
JOHNSON CO	FATAL	7	4	1	0	1	2	1	0	0	0	3	0	0
	INJURY	288	94	30	96	58	25	19	1	1	5	122	1	0
	DAMAGE	835	170	43	252	152	69	5	4	1	3	201	0	3
	TOTAL	1130	268	74	348	211	96	25	5	2	8	326	1	3
HOLDEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	1	0	0	0	0	0	0	0
	DAMAGE	8	1	0	2	1	1	0	0	0	0	2	0	0
	TOTAL	9	1	0	2	1	2	0	0	0	0	2	0	0
KNOB NOSTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	3	0	6	2	0	1	0	0	0	2	0	0
	DAMAGE	35	7	1	11	3	5	0	0	0	0	11	0	0
	TOTAL	48	10	1	17	5	5	1	0	0	0	13	0	0
WARRENSBURG	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	82	13	3	25	26	8	4	0	1	3	13	0	0
	DAMAGE	440	63	30	161	88	30	3	3	1	2	61	0	2
	TOTAL	522	76	33	186	114	38	7	3	2	5	74	0	2
POP UNDER 1000	FATAL	7	4	1	0	1	2	1	0	0	0	3	0	0
	INJURY	192	78	27	65	30	16	14	1	0	2	107	1	0
	DAMAGE	352	99	12	78	60	33	2	1	0	1	127	0	1
	TOTAL	551	181	40	143	91	51	17	2	0	3	237	1	1
KNOX CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	2	2	6	5	4	0	0	0	0	4	0	0
	DAMAGE	18	5	1	3	3	6	0	0	0	0	5	0	0
	TOTAL	34	7	3	9	8	10	0	0	0	0	9	0	0
EDINA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	2	0	0	0	0	0	0	0	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	2	2	5	5	4	0	0	0	0	4	0	0
	DAMAGE	17	5	1	2	3	6	0	0	0	0	5	0	0
	TOTAL	32	7	3	7	8	10	0	0	0	0	9	0	0
LACLEDE CO	FATAL	11	3	1	1	6	0	3	0	0	0	6	0	0
	INJURY	269	37	17	72	87	25	13	0	5	5	81	1	4
	DAMAGE	786	133	29	203	202	102	2	3	2	1	251	2	2
	TOTAL	1066	173	47	276	295	127	18	3	7	6	338	3	6
LEBANON	FATAL	3	1	0	0	2	0	1	0	0	0	1	0	0
	INJURY	142	10	1	44	52	8	4	0	5	3	13	0	3
	DAMAGE	391	23	6	126	123	28	2	1	2	1	45	0	2
	TOTAL	536	34	7	170	177	36	7	1	7	4	59	0	5
POP UNDER 1000	FATAL	8	2	1	1	4	0	2	0	0	0	5	0	0
	INJURY	127	27	16	28	35	17	9	0	0	2	68	1	1
	DAMAGE	394	109	23	77	79	74	0	2	0	0	206	2	0
	TOTAL	529	138	40	106	118	91	11	2	0	2	279	3	1
LAFAYETTE CO	FATAL	2	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	166	69	20	50	38	22	18	0	1	2	72	1	5
	DAMAGE	622	215	21	133	164	120	3	4	2	0	255	2	3
	TOTAL	790	284	41	184	203	142	21	4	3	2	327	3	8
CONCORDIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	0	1	1	0	0	0	0	0	2	0	0
	DAMAGE	27	2	1	11	6	2	0	0	0	0	2	0	0
	TOTAL	30	4	1	12	7	2	0	0	0	0	4	0	0
HIGGINSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	3	0	7	6	0	3	0	0	0	3	0	1
	DAMAGE	75	10	3	22	24	8	0	1	1	0	10	0	0
	TOTAL	91	13	3	29	30	8	3	1	1	0	13	0	1
LEXINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	11	2	0	4	0	1	1	0	0	0	2	0	0
	DAMAGE	53	8	2	13	21	2	1	1	0	0	16	0	0
	TOTAL	64	10	2	17	21	3	2	1	0	0	18	0	0
ODESSA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	3	1	6	9	1	1	0	1	1	3	0	0
	DAMAGE	81	13	1	24	31	12	1	0	1	0	7	0	0
	TOTAL	96	16	2	30	40	13	2	0	2	1	10	0	0
POP UNDER 1000	FATAL	2	0	0	1	1	0	0	0	0	0	0	0	0
	INJURY	121	59	19	32	22	20	13	0	0	1	62	1	4
	DAMAGE	386	182	14	63	82	96	1	2	0	0	220	2	3
	TOTAL	509	241	33	96	105	116	14	2	0	1	282	3	7
LAWRENCE CO	FATAL	8	2	3	3	4	2	0	0	0	0	6	0	0
	INJURY	210	50	16	64	58	25	9	0	0	4	86	0	1
	DAMAGE	489	94	19	120	116	68	2	4	0	0	177	1	11
	TOTAL	707	146	38	187	178	95	11	4	0	4	269	1	12
AURORA	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	40	4	1	12	19	2	1	0	0	2	2	0	1
	DAMAGE	80	9	2	19	28	5	0	2	0	0	11	0	0
	TOTAL	121	14	3	32	47	7	1	2	0	2	14	0	1
MARIONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	0	1	2	2	1	0	0	0	0	2	0	0
	DAMAGE	8	2	1	1	3	1	0	0	0	0	0	0	0
	TOTAL	17	2	2	3	5	2	0	0	0	0	2	0	0
MONETT/LAW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	4	0	0	0	0	0	0	4	0	0
	DAMAGE	18	1	0	8	4	2	0	1	0	0	4	0	0
	TOTAL	24	2	0	12	4	2	0	1	0	0	8	0	0
MOUNT VERNON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	2	0	4	8	0	2	0	0	0	1	0	0
	DAMAGE	66	6	2	23	24	11	0	0	0	0	7	0	0
	TOTAL	80	8	2	27	32	11	2	0	0	0	8	0	0
PIERCE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	1	0	0	0	0	0	0	0
	DAMAGE	5	0	0	0	2	0	0	0	0	0	0	0	0
	TOTAL	6	0	0	0	3	1	0	0	0	0	0	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	7	1	3	2	4	2	0	0	0	0	5	0	0
	INJURY	140	43	14	42	28	21	6	0	0	2	77	0	0
	DAMAGE	312	76	14	69	55	49	2	1	0	0	155	1	11
	TOTAL	459	120	31	113	87	72	8	1	0	2	237	1	11
LEWIS CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	43	16	1	13	17	8	1	2	0	1	18	0	0
	DAMAGE	169	51	5	37	38	26	0	1	0	0	49	0	0
	TOTAL	212	67	6	50	55	34	1	3	0	1	67	0	0
CANTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	0	2	0	0	0	0	0	1	0	0
	DAMAGE	25	4	1	10	8	3	0	0	0	0	7	0	0
	TOTAL	28	5	1	10	10	3	0	0	0	0	8	0	0
LA GRANGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	4	0	0	0	3	1	0	0	0	0	1	0	0
	TOTAL	4	0	0	0	3	1	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	40	15	1	13	15	8	1	2	0	1	17	0	0
	DAMAGE	140	47	4	27	27	22	0	1	0	0	41	0	0
	TOTAL	180	62	5	40	42	30	1	3	0	1	58	0	0
LINCOLN CO	FATAL	5	4	2	2	1	0	0	0	0	0	3	0	0
	INJURY	237	62	31	76	48	20	13	4	1	6	76	0	0
	DAMAGE	629	101	27	175	136	72	4	11	0	1	161	1	3
	TOTAL	871	167	60	253	185	92	17	15	1	7	240	1	3
ELSBERRY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	2	0	0	0	0	0	2	0	0
	DAMAGE	12	1	0	5	2	3	1	0	0	0	4	0	0
	TOTAL	16	2	0	6	4	3	1	0	0	0	6	0	0
MOSCOW MILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	2	0	2	1	1	0	0	0	0	0	0	0
	DAMAGE	50	5	0	10	16	10	1	4	0	0	10	0	1
	TOTAL	56	7	0	12	17	11	1	4	0	0	10	0	1
TROY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	61	8	3	19	16	4	2	1	1	2	6	0	0
	DAMAGE	205	18	5	63	59	12	0	3	0	0	27	0	1
	TOTAL	266	26	8	82	75	16	2	4	1	2	33	0	1
POP UNDER 1000	FATAL	5	4	2	2	1	0	0	0	0	0	3	0	0
	INJURY	166	51	28	54	29	15	11	3	0	4	68	0	0
	DAMAGE	362	77	22	97	59	47	2	4	0	1	120	1	1
	TOTAL	533	132	52	153	89	62	13	7	0	5	191	1	1
LINN CO	FATAL	2	1	1	0	1	0	0	0	0	0	1	0	0
	INJURY	58	15	6	15	23	6	2	0	1	1	27	0	0
	DAMAGE	169	34	10	45	49	15	0	0	0	0	41	0	1
	TOTAL	229	50	17	60	73	21	2	0	1	1	69	0	1
BROOKFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	1	0	6	8	1	1	0	0	0	2	0	0
	DAMAGE	62	10	5	21	23	5	0	0	0	0	14	0	0
	TOTAL	78	11	5	27	31	6	1	0	0	0	16	0	0
MARCELINE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	1	4	0	0	0	0	1	2	0	0
	DAMAGE	31	2	0	9	9	2	0	0	0	0	2	0	0
	TOTAL	37	3	0	10	13	2	0	0	0	1	4	0	0
POP UNDER 1000	FATAL	2	1	1	0	1	0	0	0	0	0	1	0	0
	INJURY	36	13	6	8	11	5	1	0	1	0	23	0	0
	DAMAGE	76	22	5	15	17	8	0	0	0	0	25	0	1
	TOTAL	114	36	12	23	29	13	1	0	1	0	49	0	1
LIVINGSTON CO	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	105	35	11	38	28	7	7	0	1	3	41	0	3
	DAMAGE	299	47	12	80	99	27	4	3	0	1	66	0	4
	TOTAL	405	82	23	118	127	35	11	3	1	4	107	0	7
CHILLICOTHE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	48	7	1	21	22	2	1	0	1	3	10	0	0
	DAMAGE	229	22	10	62	84	17	4	3	0	1	34	0	2
	TOTAL	277	29	11	83	106	19	5	3	1	4	44	0	2

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	57	28	10	17	6	5	6	0	0	0	31	0	3
	DAMAGE	70	25	2	18	15	10	0	0	0	0	32	0	2
	TOTAL	128	53	12	35	21	16	6	0	0	0	63	0	5
MC DONALD CO	FATAL	8	5	6	0	1	0	1	0	0	1	4	0	0
	INJURY	147	56	37	28	27	13	18	0	1	4	79	1	0
	DAMAGE	273	93	28	57	60	38	1	1	0	0	115	1	1
	TOTAL	428	154	71	85	88	51	20	1	1	5	198	2	1
ANDERSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	1	1	1	6	1	0	0	0	1	3	0	0
	DAMAGE	33	4	2	8	11	2	0	0	0	0	7	0	0
	TOTAL	43	5	3	9	17	3	0	0	0	1	10	0	0
GOODMAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	0	0	0	0	0	0	0	0	0	0
NOEL	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	4	3	2	1	0	0	0	0	0	0	2	0	0
	DAMAGE	15	2	6	2	2	2	0	0	0	0	6	1	0
	TOTAL	20	6	9	3	2	2	0	0	0	0	9	1	0
POP UNDER 1000	FATAL	7	4	5	0	1	0	1	0	0	1	3	0	0
	INJURY	133	52	34	26	21	12	18	0	1	3	74	1	0
	DAMAGE	223	87	20	47	47	34	1	1	0	0	102	0	1
	TOTAL	363	143	59	73	69	46	20	1	1	4	179	1	1
MACON CO	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	71	26	11	11	19	7	3	0	1	0	30	0	0
	DAMAGE	221	69	8	41	73	37	0	1	0	0	58	0	0
	TOTAL	293	96	20	52	92	44	3	1	1	0	89	0	0
LA PLATA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	1	0	0	3	0	0	0	0	0	2	0	0
	TOTAL	5	1	0	0	3	0	0	0	0	0	2	0	0
MACON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	3	2	2	5	0	0	0	1	0	3	0	0
	DAMAGE	83	19	4	23	34	9	0	0	0	0	8	0	0
	TOTAL	95	22	6	25	39	9	0	0	1	0	11	0	0
POP UNDER 1000	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	59	23	9	9	14	7	3	0	0	0	27	0	0
	DAMAGE	133	49	4	18	36	28	0	1	0	0	48	0	0
	TOTAL	193	73	14	27	50	35	3	1	0	0	76	0	0
MADISON CO	FATAL	2	2	0	0	2	0	1	0	0	0	1	0	0
	INJURY	83	22	10	23	24	8	0	1	1	1	40	0	0
	DAMAGE	127	28	8	32	45	19	0	1	0	0	40	0	3
	TOTAL	212	52	18	55	71	27	1	2	1	1	81	0	3
FREDERICKTOWN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	3	2	9	13	3	0	1	0	1	7	0	0
	DAMAGE	50	5	6	16	17	4	0	0	0	0	13	0	2
	TOTAL	75	8	8	25	30	7	0	1	0	1	20	0	2
POP UNDER 1000	FATAL	2	2	0	0	2	0	1	0	0	0	1	0	0
	INJURY	58	19	8	14	11	5	0	0	1	0	33	0	0
	DAMAGE	77	23	2	16	28	15	0	1	0	0	27	0	1
	TOTAL	137	44	10	30	41	20	1	1	1	0	61	0	1
MARIES CO	FATAL	2	1	2	1	1	0	0	0	0	0	1	0	0
	INJURY	44	16	6	13	13	1	4	0	1	0	27	0	1
	DAMAGE	112	22	4	15	20	21	2	2	0	0	36	1	2
	TOTAL	158	39	12	29	34	22	6	2	1	0	64	1	3
BELLE/MAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	1	2	1	1	0	0	0	0	0	1	0	0
	INJURY	44	16	6	13	13	1	4	0	1	0	27	0	1
	DAMAGE	111	22	4	15	19	21	2	2	0	0	36	1	2
	TOTAL	157	39	12	29	33	22	6	2	1	0	64	1	3

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
<b>MARION CO</b>	FATAL	6	2	2	0	1	1	0	0	0	1	3	0	0
	INJURY	153	46	14	41	42	17	4	0	1	4	48	0	1
	DAMAGE	759	156	33	171	200	96	3	6	1	1	157	3	5
	TOTAL	918	204	49	212	243	114	7	6	2	6	208	3	6
HANNIBAL/MAR	FATAL	1	0	0	0	0	1	0	0	0	1	0	0	0
	INJURY	81	13	6	22	24	5	1	0	1	4	16	0	0
	DAMAGE	529	86	24	133	132	61	3	6	1	1	83	0	2
	TOTAL	611	99	30	155	156	67	4	6	2	6	99	0	2
MONROE CITY/MAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	0	0	0
PALMYRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	58	11	2	18	21	3	0	0	0	0	11	1	0
	TOTAL	62	11	2	18	22	3	0	0	0	0	11	1	0
POP UNDER 1000	FATAL	5	2	2	0	1	0	0	0	0	0	3	0	0
	INJURY	68	33	8	19	17	12	3	0	0	0	32	0	1
	DAMAGE	171	59	7	20	46	32	0	0	0	0	63	2	3
	TOTAL	244	94	17	39	64	44	3	0	0	0	98	2	4
<b>MERCER CO</b>	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	4	0	6	5	3	0	0	0	0	6	0	0
	DAMAGE	35	9	0	6	12	10	0	0	0	0	13	0	0
	TOTAL	51	13	0	12	17	13	0	0	0	0	19	0	0
PRINCETON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	6	2	0	2	3	2	0	0	0	0	2	0	0
	TOTAL	6	2	0	2	3	2	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	4	0	6	5	3	0	0	0	0	6	0	0
	DAMAGE	29	7	0	4	9	8	0	0	0	0	11	0	0
	TOTAL	45	11	0	10	14	11	0	0	0	0	17	0	0
<b>MILLER CO</b>	FATAL	9	3	5	3	3	2	0	0	0	0	3	1	0
	INJURY	137	58	17	40	28	9	12	1	2	4	53	0	0
	DAMAGE	394	89	24	102	107	32	1	4	0	0	129	0	1
	TOTAL	540	150	46	145	138	43	13	5	2	4	185	1	1
ELDON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	3	2	4	4	1	1	0	2	3	3	0	0
	DAMAGE	84	3	2	24	29	4	0	3	0	0	13	0	0
	TOTAL	103	6	4	28	33	5	1	3	2	3	16	0	0
LAKE OZA/MIL	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	22	6	0	9	8	1	0	0	0	0	6	0	0
	DAMAGE	84	12	2	21	22	10	0	0	0	0	21	0	1
	TOTAL	107	18	3	30	30	11	0	0	0	0	27	0	1
OSAGE BEA/MIL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	1	2	0	0	0	0	0	0	0	0
	DAMAGE	15	0	1	6	5	1	0	0	0	0	0	0	0
	TOTAL	20	0	1	7	7	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	8	3	4	3	3	2	0	0	0	0	3	1	0
	INJURY	91	49	15	26	14	7	11	1	0	1	44	0	0
	DAMAGE	211	74	19	51	51	17	1	1	0	0	95	0	0
	TOTAL	310	126	38	80	68	26	12	2	0	1	142	1	0
<b>MISSISSIPPI CO</b>	FATAL	3	0	0	0	2	1	0	0	0	0	0	0	0
	INJURY	56	16	5	10	20	4	3	1	0	1	17	0	0
	DAMAGE	185	38	11	43	55	16	1	2	0	0	50	0	3
	TOTAL	244	54	16	53	77	21	4	3	0	1	67	0	3
CHARLESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	3	1	0	0	0	0	0	0	0
	DAMAGE	42	5	1	10	13	3	0	1	0	0	4	0	0
	TOTAL	46	5	1	10	16	4	0	1	0	0	4	0	0
EAST PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	1	0	3	1	0	1	1	0	0	1	0	0
	DAMAGE	45	0	1	15	21	1	0	1	0	0	5	0	0
	TOTAL	51	1	1	18	22	1	1	2	0	0	6	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	3	0	0	0	2	1	0	0	0	0	0	0	0
	INJURY	46	15	5	7	16	3	2	0	0	1	16	0	0
	DAMAGE	98	33	9	18	21	12	1	0	0	0	41	0	3
	TOTAL	147	48	14	25	39	16	3	0	0	1	57	0	3
MONITEAU CO	FATAL	1	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	58	24	9	16	15	4	6	0	1	1	27	0	0
	DAMAGE	206	46	12	63	52	22	2	0	0	1	51	0	0
	TOTAL	265	71	22	80	67	26	8	0	1	2	79	0	0
CALIFORNIA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	5	3	2	5	2	2	0	1	1	5	0	0
	DAMAGE	95	10	6	31	30	7	2	0	0	1	8	0	0
	TOTAL	108	15	9	33	35	9	4	0	1	2	13	0	0
TIPTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	0	1	0	1	0	0	0	1	0	0
	DAMAGE	21	1	1	11	5	2	0	0	0	0	4	0	0
	TOTAL	23	1	1	11	6	2	1	0	0	0	5	0	0
POP UNDER 1000	FATAL	1	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	43	19	6	14	9	2	3	0	0	0	21	0	0
	DAMAGE	90	35	5	21	17	13	0	0	0	0	39	0	0
	TOTAL	134	55	12	36	26	15	3	0	0	0	61	0	0
MONROE CO	FATAL	3	1	1	1	0	0	0	0	0	0	2	0	0
	INJURY	44	15	4	12	12	7	3	0	0	0	21	0	0
	DAMAGE	94	13	10	24	25	11	2	0	0	0	31	0	0
	TOTAL	141	29	15	37	37	18	5	0	0	0	54	0	0
MONROE CITY/MON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	0	0	0	0	0	2	0	0
	DAMAGE	19	0	3	7	7	1	0	0	0	0	4	0	0
	TOTAL	23	0	3	8	8	1	0	0	0	0	6	0	0
PARIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	0	1	1	1	0	0	0	0	1	0	0
	DAMAGE	20	0	2	7	7	2	1	0	0	0	5	0	0
	TOTAL	23	1	2	8	8	3	1	0	0	0	6	0	0
POP UNDER 1000	FATAL	3	1	1	1	0	0	0	0	0	0	2	0	0
	INJURY	37	14	4	10	10	6	3	0	0	0	18	0	0
	DAMAGE	55	13	5	10	11	8	1	0	0	0	22	0	0
	TOTAL	95	28	10	21	21	14	4	0	0	0	42	0	0
MONTGOMERY CO	FATAL	5	2	1	2	1	1	0	0	0	1	2	0	0
	INJURY	73	37	6	18	19	4	5	0	0	1	43	0	0
	DAMAGE	265	80	11	44	64	50	2	1	0	0	103	0	3
	TOTAL	343	119	18	64	84	55	7	1	0	2	148	0	3
MONTGOMERY CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	3	3	0	0	0	0	0	1	0	0
	DAMAGE	29	2	1	9	9	3	0	0	0	0	4	0	0
	TOTAL	36	3	1	12	12	3	0	0	0	0	5	0	0
WELLSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	2	0	0	0	0	0	0	0	0
	TOTAL	3	1	0	0	3	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	5	2	1	2	1	1	0	0	0	1	2	0	0
	INJURY	65	35	6	15	15	4	5	0	0	1	42	0	0
	DAMAGE	233	78	10	34	53	47	2	1	0	0	99	0	3
	TOTAL	303	115	17	51	69	52	7	1	0	2	143	0	3
MORGAN CO	FATAL	4	3	1	1	1	0	1	0	0	0	1	0	0
	INJURY	116	41	16	28	39	9	11	1	0	0	63	0	0
	DAMAGE	290	72	16	64	90	30	3	2	0	0	88	1	0
	TOTAL	410	116	33	93	130	39	15	3	0	0	152	1	0
VERSAILLES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	0	3	4	2	0	1	0	0	2	0	0
	DAMAGE	45	2	1	13	20	5	0	0	0	0	2	0	0
	TOTAL	54	4	1	16	24	7	0	1	0	0	4	0	0
POP UNDER 1000	FATAL	4	3	1	1	1	0	1	0	0	0	1	0	0
	INJURY	107	39	16	25	35	7	11	0	0	0	61	0	0
	DAMAGE	245	70	15	51	70	25	3	2	0	0	86	1	0
	TOTAL	356	112	32	77	106	32	15	2	0	0	148	1	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
NEW MADRID CO	FATAL	8	3	1	0	0	3	0	0	0	1	2	1	0
	INJURY	136	42	18	30	30	22	1	0	1	1	53	0	1
	DAMAGE	234	50	10	41	67	44	0	1	0	0	53	1	1
	TOTAL	378	95	29	71	97	69	1	1	1	2	108	2	2
GIDEON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	1	0	0
MOREHOUSE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	2	1	0	0	0	0	0	0	0	0
NEW MADRID	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	2	1	2	1	0	0	0	0	0	1	0	0
	DAMAGE	25	1	2	5	10	0	0	0	0	0	0	0	0
	TOTAL	35	3	3	7	11	0	0	0	0	0	1	0	0
PORTAGEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	1	2	1	0	0	0	0	0	0	0	0
	DAMAGE	14	0	0	5	8	0	0	0	0	0	1	0	0
	TOTAL	18	0	1	7	9	0	0	0	0	0	1	0	0
SIKESTON/NEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	1	1	2	6	0	0	0	0	0	2	0	0
	DAMAGE	49	5	1	10	16	7	0	0	0	0	5	0	0
	TOTAL	58	6	2	12	22	7	0	0	0	0	7	0	0
POP UNDER 1000	FATAL	8	3	1	0	0	3	0	0	0	1	2	1	0
	INJURY	113	39	15	24	22	22	1	0	1	1	50	0	1
	DAMAGE	143	44	7	19	32	37	0	1	0	0	46	1	1
	TOTAL	264	86	23	43	54	62	1	1	1	2	98	2	2
NEWTON CO	FATAL	13	4	4	2	6	1	2	0	0	1	4	0	0
	INJURY	392	100	41	102	105	38	37	2	2	7	138	1	3
	DAMAGE	864	181	47	231	268	100	8	6	0	1	265	4	9
	TOTAL	1269	285	92	335	379	139	47	8	2	9	407	5	12
GRANBY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	0	1	1	0	1	0	0	0	0	0	0
	DAMAGE	4	0	0	1	2	1	0	0	0	0	1	0	0
	TOTAL	7	2	0	2	3	1	1	0	0	0	1	0	0
JOPLIN/NEW	FATAL	3	0	0	0	3	0	1	0	0	0	0	0	0
	INJURY	76	16	3	18	28	19	1	1	0	1	17	1	1
	DAMAGE	252	45	9	60	82	35	3	1	0	0	56	1	4
	TOTAL	331	61	12	78	113	54	5	2	0	1	73	2	5
NEOSHO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	69	8	6	21	22	4	3	0	0	2	12	0	2
	DAMAGE	221	22	9	63	81	21	2	2	0	0	45	2	4
	TOTAL	290	30	15	84	103	25	5	2	0	2	57	2	6
SENECA	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	12	1	0	3	3	0	1	0	0	2	2	0	0
	DAMAGE	38	2	2	15	17	2	0	1	0	0	7	0	0
	TOTAL	51	3	2	18	21	2	1	1	0	2	9	0	0
POP UNDER 1000	FATAL	9	4	4	2	2	1	1	0	0	1	4	0	0
	INJURY	232	73	32	59	51	15	31	1	2	2	107	0	0
	DAMAGE	349	112	27	92	86	41	3	2	0	1	156	1	1
	TOTAL	590	189	63	153	139	57	35	3	2	4	267	1	1
NODAWAY CO	FATAL	9	5	1	2	4	1	0	0	0	0	5	0	0
	INJURY	98	25	14	29	20	7	6	1	1	3	29	0	0
	DAMAGE	344	89	9	110	92	34	0	5	0	0	55	0	1
	TOTAL	451	119	24	141	116	42	6	6	1	3	89	0	1
MARYVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	36	2	2	12	7	1	1	0	0	3	3	0	0
	DAMAGE	246	48	6	83	73	25	0	5	0	0	18	0	1
	TOTAL	282	50	8	95	80	26	1	5	0	3	21	0	1
POP UNDER 1000	FATAL	9	5	1	2	4	1	0	0	0	0	5	0	0
	INJURY	62	23	12	17	13	6	5	1	1	0	26	0	0
	DAMAGE	98	41	3	27	19	9	0	0	0	0	37	0	0
	TOTAL	169	69	16	46	36	16	5	1	1	0	68	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
OREGON CO	FATAL	6	4	4	1	3	1	0	0	0	1	4	0	1
	INJURY	61	20	14	16	21	4	2	0	0	1	32	0	0
	DAMAGE	150	34	12	35	39	24	2	0	0	0	58	0	4
	TOTAL	217	58	30	52	63	29	4	0	0	2	94	0	5
THAYER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	1	2	4	2	0	0	0	0	2	0	0
	DAMAGE	53	4	2	13	23	6	1	0	0	0	7	0	0
	TOTAL	60	4	3	15	27	8	1	0	0	0	9	0	0
POP UNDER 1000	FATAL	6	4	4	1	3	1	0	0	0	1	4	0	1
	INJURY	54	20	13	14	17	2	2	0	0	1	30	0	0
	DAMAGE	97	30	10	22	16	18	1	0	0	0	51	0	4
	TOTAL	157	54	27	37	36	21	3	0	0	2	85	0	5
OSAGE CO	FATAL	4	2	0	2	2	1	0	0	0	0	0	0	0
	INJURY	86	42	11	34	15	4	2	0	0	0	39	0	1
	DAMAGE	151	49	11	43	35	25	1	0	0	0	58	0	0
	TOTAL	241	93	22	79	52	30	3	0	0	0	97	0	1
BELLE/OSA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	1	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	0	0	0	0	0	0	0	0	0	0
LINN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	0	0	5	2	1	0	0	0	0	0	0	0
	DAMAGE	17	2	1	11	5	2	0	0	0	0	1	0	0
	TOTAL	24	2	1	16	7	3	0	0	0	0	1	0	0
POP UNDER 1000	FATAL	4	2	0	2	2	1	0	0	0	0	0	0	0
	INJURY	79	42	11	29	13	3	2	0	0	0	39	0	1
	DAMAGE	133	46	10	32	30	23	1	0	0	0	57	0	0
	TOTAL	216	90	21	63	45	27	3	0	0	0	96	0	1
OZARK CO	FATAL	3	3	1	0	0	1	0	0	0	0	1	0	0
	INJURY	44	17	7	5	19	2	9	0	0	0	23	0	0
	DAMAGE	80	23	14	21	19	8	0	1	0	0	35	0	0
	TOTAL	127	43	22	26	38	11	9	1	0	0	59	0	0
POP UNDER 1000	FATAL	3	3	1	0	0	1	0	0	0	0	1	0	0
	INJURY	44	17	7	5	19	2	9	0	0	0	23	0	0
	DAMAGE	80	23	14	21	19	8	0	1	0	0	35	0	0
	TOTAL	127	43	22	26	38	11	9	1	0	0	59	0	0
PEMISCOT CO	FATAL	6	0	2	0	3	0	1	0	0	2	1	0	0
	INJURY	144	42	15	30	35	16	5	0	3	3	60	0	0
	DAMAGE	327	60	18	55	90	54	1	3	1	0	94	0	2
	TOTAL	477	102	35	85	128	70	7	3	4	5	155	0	2
CARUTHERSVILLE	FATAL	1	0	0	0	1	0	0	0	0	1	0	0	0
	INJURY	26	4	0	7	7	1	2	0	2	2	5	0	0
	DAMAGE	79	7	6	14	25	6	0	1	0	0	14	0	0
	TOTAL	106	11	6	21	33	7	2	1	2	3	19	0	0
HAYTI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	5	1	5	5	1	0	0	1	0	4	0	0
	DAMAGE	65	4	4	9	21	7	1	1	0	0	10	0	2
	TOTAL	82	9	5	14	26	8	1	1	1	0	14	0	2
STEELE	FATAL	1	0	0	0	0	0	0	0	0	1	0	0	0
	INJURY	6	1	1	1	1	0	0	0	0	0	2	0	0
	DAMAGE	29	1	0	5	13	0	0	0	1	0	2	0	0
	TOTAL	36	2	1	6	14	0	0	0	1	1	4	0	0
POP UNDER 1000	FATAL	4	0	2	0	2	0	1	0	0	0	1	0	0
	INJURY	95	32	13	17	22	14	3	0	0	1	49	0	0
	DAMAGE	154	48	8	27	31	41	0	1	0	0	68	0	0
	TOTAL	253	80	23	44	55	55	4	1	0	1	118	0	0
PERRY CO	FATAL	2	0	0	0	0	0	0	0	0	0	2	0	0
	INJURY	105	28	10	28	28	10	8	0	0	6	37	0	0
	DAMAGE	334	51	20	78	84	50	2	4	1	0	66	0	1
	TOTAL	441	79	30	106	112	60	10	4	1	6	105	0	1
PERRYVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	46	6	2	13	16	2	4	0	0	5	5	0	0
	DAMAGE	176	17	8	45	49	22	0	3	1	0	12	0	1
	TOTAL	222	23	10	58	65	24	4	3	1	5	17	0	1

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
POP UNDER 1000	FATAL	2	0	0	0	0	0	0	0	0	0	2	0	0
	INJURY	59	22	8	15	12	8	4	0	0	1	32	0	0
	DAMAGE	158	34	12	33	35	28	2	1	0	0	54	0	0
	TOTAL	219	56	20	48	47	36	6	1	0	1	88	0	0
PETTIS CO	FATAL	7	2	1	2	1	0	0	0	0	0	3	0	0
	INJURY	312	74	32	108	78	17	17	1	5	10	88	0	9
	DAMAGE	957	161	41	239	272	101	13	5	0	1	173	1	12
	TOTAL	1276	237	74	349	351	118	30	6	5	11	264	1	21
LA MONTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	2	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	4	0	0	1	3	0	0	0	0	0	0	0	0
SEDALIA	FATAL	1	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	183	24	15	69	50	9	9	0	5	9	21	0	6
	DAMAGE	683	77	25	180	212	63	7	3	0	1	67	0	9
	TOTAL	867	101	40	249	262	72	16	3	5	10	88	0	15
POP UNDER 1000	FATAL	6	2	1	2	1	0	0	0	0	0	3	0	0
	INJURY	127	50	17	38	26	8	8	1	0	1	67	0	3
	DAMAGE	272	84	16	59	59	38	6	2	0	0	106	1	3
	TOTAL	405	136	34	99	86	46	14	3	0	1	176	1	6
PHELPS CO	FATAL	14	8	2	4	5	5	0	0	0	0	7	0	1
	INJURY	349	97	40	92	72	30	22	0	4	12	139	0	7
	DAMAGE	1141	280	28	302	305	149	2	6	2	0	361	1	12
	TOTAL	1504	385	70	398	382	184	24	6	6	12	507	1	20
ROLLA	FATAL	2	1	1	0	1	1	0	0	0	0	1	0	0
	INJURY	152	24	6	44	39	9	7	0	3	10	25	0	0
	DAMAGE	603	99	12	189	177	69	1	5	2	0	111	0	3
	TOTAL	757	124	19	233	217	79	8	5	5	10	137	0	3
ST. JAMES	FATAL	1	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	23	3	3	5	6	2	1	0	1	0	9	0	1
	DAMAGE	128	32	2	31	45	14	1	1	0	0	43	0	0
	TOTAL	152	35	5	36	52	16	2	1	1	0	53	0	1
POP UNDER 1000	FATAL	11	7	1	4	3	4	0	0	0	0	5	0	1
	INJURY	174	70	31	43	27	19	14	0	0	2	105	0	6
	DAMAGE	410	149	14	82	83	66	0	0	0	0	207	1	9
	TOTAL	595	226	46	129	113	89	14	0	0	2	317	1	16
PIKE CO	FATAL	5	3	3	1	0	0	1	0	0	0	4	0	1
	INJURY	87	27	13	31	14	8	4	0	0	2	39	0	2
	DAMAGE	208	42	8	56	60	35	0	2	0	0	52	2	3
	TOTAL	300	72	24	88	74	43	5	2	0	2	95	2	6
BOWLING GREEN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	1	0	4	3	0	0	0	0	0	1	0	1
	DAMAGE	51	4	2	17	20	6	0	0	0	0	8	1	1
	TOTAL	59	5	2	21	23	6	0	0	0	0	9	1	2
LOUISIANA	FATAL	1	0	0	1	0	0	0	0	0	0	1	0	0
	INJURY	14	2	0	7	4	2	0	0	0	2	3	0	0
	DAMAGE	59	7	1	17	20	11	0	0	0	0	6	0	1
	TOTAL	74	9	1	25	24	13	0	0	0	2	10	0	1
POP UNDER 1000	FATAL	4	3	3	0	0	0	1	0	0	0	3	0	1
	INJURY	65	24	13	20	7	6	4	0	0	0	35	0	1
	DAMAGE	98	31	5	22	20	18	0	2	0	0	38	1	1
	TOTAL	167	58	21	42	27	24	5	2	0	0	76	1	3
PLATTE CO	FATAL	13	6	3	2	1	0	2	0	0	3	4	0	0
	INJURY	492	139	46	132	122	38	35	1	5	10	146	1	6
	DAMAGE	2058	430	64	435	470	202	13	5	1	2	484	1	79
	TOTAL	2563	575	113	569	593	240	50	6	6	15	634	2	85
KANSASCITY/PLA	FATAL	2	1	1	0	0	0	0	0	0	1	0	0	0
	INJURY	272	66	18	76	64	11	19	0	3	10	60	0	4
	DAMAGE	1141	198	32	247	233	96	4	1	0	2	221	1	42
	TOTAL	1415	265	51	323	297	107	23	1	3	13	281	1	46
PARKVILLE	FATAL	3	1	0	0	0	0	0	0	0	1	1	0	0
	INJURY	41	8	5	13	5	1	3	0	2	0	18	0	0
	DAMAGE	163	30	6	39	44	7	0	1	1	0	49	0	0
	TOTAL	207	39	11	52	49	8	3	1	3	1	68	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
PLATTE CITY	FATAL	1	0	0	1	0	0	0	0	0	0	0	0	0
	INJURY	34	9	3	11	14	8	2	0	0	0	7	1	0
	DAMAGE	149	27	3	34	44	26	0	0	0	0	26	0	4
	TOTAL	184	36	6	46	58	34	2	0	0	0	33	1	4
RIVERSIDE	FATAL	2	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	27	13	4	4	8	1	2	0	0	0	13	0	0
	DAMAGE	105	33	4	17	33	6	0	1	0	0	36	0	4
	TOTAL	134	47	8	21	42	7	2	1	0	0	50	0	4
WEATHERBYLAKE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	12	2	0	3	4	3	0	0	0	0	5	0	2
	TOTAL	12	2	0	3	4	3	0	0	0	0	5	0	2
WESTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	3	0	1	0	1	0	0	0	0	2	0	0
	DAMAGE	51	12	2	11	11	6	1	0	0	0	14	0	2
	TOTAL	57	15	2	12	11	7	1	0	0	0	16	0	2
POP UNDER 1000	FATAL	5	3	2	1	0	0	2	0	0	1	2	0	0
	INJURY	111	40	16	27	31	16	8	1	0	0	46	0	2
	DAMAGE	431	125	17	82	101	57	8	2	0	0	129	0	25
	TOTAL	547	168	35	110	132	73	18	3	0	1	177	0	27
POLK CO	FATAL	4	0	0	0	2	2	1	0	0	0	0	0	0
	INJURY	183	62	17	48	55	17	8	0	2	2	63	0	0
	DAMAGE	321	72	14	97	97	41	0	2	0	0	91	0	0
	TOTAL	508	134	31	145	154	60	9	2	2	2	154	0	0
BOLIVAR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	63	11	2	18	24	7	3	0	2	2	3	0	0
	DAMAGE	152	15	3	59	63	23	0	1	0	0	20	0	0
	TOTAL	215	26	5	77	87	30	3	1	2	2	23	0	0
POP UNDER 1000	FATAL	4	0	0	0	2	2	1	0	0	0	0	0	0
	INJURY	120	51	15	30	31	10	5	0	0	0	60	0	0
	DAMAGE	169	57	11	38	34	18	0	1	0	0	71	0	0
	TOTAL	293	108	26	68	67	30	6	1	0	0	131	0	0
PULASKI CO	FATAL	8	4	1	2	3	0	3	0	0	1	2	0	0
	INJURY	241	68	33	73	43	19	21	5	1	3	97	0	1
	DAMAGE	733	205	36	182	140	70	6	4	0	0	287	0	3
	TOTAL	982	277	70	257	186	89	30	9	1	4	386	0	4
CROCKER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	10	1	0	4	2	2	0	0	0	0	5	0	0
	TOTAL	10	1	0	4	2	2	0	0	0	0	5	0	0
DIXON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	0	0	1	1	0	0	1	0	0
	DAMAGE	27	3	0	9	10	0	0	0	0	0	6	0	0
	TOTAL	31	4	0	10	10	0	1	1	0	0	7	0	0
RICHLAND/PUL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	3	0	3	2	1	2	1	0	1	2	0	0
	DAMAGE	13	6	0	3	3	1	0	0	0	0	2	0	0
	TOTAL	21	9	0	6	5	2	2	1	0	1	4	0	0
ST. ROBERT	FATAL	1	1	0	0	1	0	1	0	0	0	0	0	0
	INJURY	66	12	8	20	13	4	2	1	0	1	21	0	0
	DAMAGE	242	46	10	52	47	27	4	1	0	0	63	0	0
	TOTAL	309	59	18	72	61	31	7	2	0	1	84	0	0
WAYNESVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	46	11	7	15	9	2	4	1	1	1	13	0	0
	DAMAGE	160	38	7	45	31	15	1	3	0	0	56	0	1
	TOTAL	206	49	14	60	40	17	5	4	1	1	69	0	1
POP UNDER 1000	FATAL	7	3	1	2	2	0	2	0	0	1	2	0	0
	INJURY	117	41	18	34	19	12	12	1	0	0	60	0	1
	DAMAGE	282	112	19	69	47	25	1	0	0	0	155	0	2
	TOTAL	406	156	38	105	68	37	15	1	0	1	217	0	3
PUTNAM CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	7	5	8	7	2	1	0	0	0	17	0	0
	DAMAGE	59	12	0	13	18	10	0	0	0	0	17	0	1
	TOTAL	84	19	5	21	25	12	1	0	0	0	34	0	1

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
UNIONVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	1	0	0	0	0	0	0	0	0	0
	DAMAGE	27	0	0	8	10	1	0	0	0	0	2	0	1
	TOTAL	29	0	1	9	10	1	0	0	0	0	2	0	1
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	7	4	7	7	2	1	0	0	0	17	0	0
	DAMAGE	32	12	0	5	8	9	0	0	0	0	15	0	0
	TOTAL	55	19	4	12	15	11	1	0	0	0	32	0	0
RALLS CO	FATAL	2	1	1	1	1	0	0	0	0	0	1	0	0
	INJURY	80	40	14	22	16	9	4	0	0	0	47	1	0
	DAMAGE	141	51	4	34	38	29	0	1	0	0	51	1	0
	TOTAL	223	92	19	57	55	38	4	1	0	0	99	2	0
HANNIBAL/RAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	0	1	2	1	0	0	0	0	1	0	0
	DAMAGE	11	1	0	1	2	3	0	0	0	0	2	0	0
	TOTAL	15	3	0	2	4	4	0	0	0	0	3	0	0
MONROE CITY/RAL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	0	0	1	1	1	0	0	0	0	1	0	0
	TOTAL	2	0	0	1	1	1	0	0	0	0	1	0	0
NEW LONDON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	3	0	0	0	3	0	0	0	0	0	0	0	0
	TOTAL	5	0	0	1	3	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	2	1	1	1	1	0	0	0	0	0	1	0	0
	INJURY	74	38	14	20	14	8	4	0	0	0	46	1	0
	DAMAGE	125	50	4	32	32	25	0	1	0	0	48	1	0
	TOTAL	201	89	19	53	47	33	4	1	0	0	95	2	0
RANDOLPH CO	FATAL	3	0	1	1	3	0	0	0	0	0	0	0	0
	INJURY	207	59	19	58	60	19	12	0	2	2	57	0	1
	DAMAGE	467	95	21	86	129	40	1	3	1	1	104	0	1
	TOTAL	677	154	41	145	192	59	13	3	3	3	161	0	2
HUNTSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	1	0	1	0	0	0	0	0	0	0	1	0	0
	TOTAL	2	1	1	0	0	0	0	0	0	0	2	0	0
MOBERLY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	109	9	11	33	41	8	6	0	2	2	16	0	0
	DAMAGE	326	33	11	68	101	25	1	2	1	1	41	0	1
	TOTAL	435	42	22	101	142	33	7	2	3	3	57	0	1
POP UNDER 1000	FATAL	3	0	1	1	3	0	0	0	0	0	0	0	0
	INJURY	97	49	8	25	19	11	6	0	0	0	40	0	1
	DAMAGE	140	62	9	18	28	15	0	1	0	0	62	0	0
	TOTAL	240	111	18	44	50	26	6	1	0	0	102	0	1
RAY CO	FATAL	4	3	1	0	2	1	1	0	0	0	1	0	0
	INJURY	104	42	14	34	22	5	5	0	2	5	46	0	0
	DAMAGE	248	69	13	69	74	19	2	2	0	0	72	1	2
	TOTAL	356	114	28	103	98	25	8	2	2	5	119	1	2
EXCELS SPGS/RAY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	0	0	0	0	0	0	0	0	0
LAWSON/RAY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	2	0	2	0	0	0	0	0	0	0	0	0
	DAMAGE	16	2	0	5	3	1	0	0	0	0	2	0	0
	TOTAL	19	4	0	7	3	1	0	0	0	0	2	0	0
RICHMOND	FATAL	1	1	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	6	1	6	4	1	1	0	2	2	2	0	0
	DAMAGE	95	13	4	30	41	3	1	0	0	0	16	0	1
	TOTAL	114	20	5	36	45	4	2	0	2	2	18	0	1
POP UNDER 1000	FATAL	3	2	1	0	2	1	1	0	0	0	1	0	0
	INJURY	83	34	13	26	18	4	4	0	0	3	44	0	0
	DAMAGE	136	54	9	34	30	15	1	2	0	0	54	1	1
	TOTAL	222	90	23	60	50	20	6	2	0	3	99	1	1

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
REYNOLDS CO	FATAL	3	2	2	0	0	0	0	0	0	0	2	0	0
	INJURY	49	24	16	13	10	2	3	0	1	1	25	0	0
	DAMAGE	85	42	10	15	20	9	0	2	0	0	42	0	0
	TOTAL	137	68	28	28	30	11	3	2	1	1	69	0	0
POP UNDER 1000	FATAL	3	2	2	0	0	0	0	0	0	0	2	0	0
	INJURY	49	24	16	13	10	2	3	0	1	1	25	0	0
	DAMAGE	85	42	10	15	20	9	0	2	0	0	42	0	0
	TOTAL	137	68	28	28	30	11	3	2	1	1	69	0	0
RIPLEY CO	FATAL	5	2	2	0	1	0	0	0	0	1	2	0	0
	INJURY	88	27	16	17	18	5	11	1	0	0	46	0	0
	DAMAGE	183	46	11	45	57	18	1	1	0	1	68	0	0
	TOTAL	276	75	29	62	76	23	12	2	0	2	116	0	0
DONIPHAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	0	2	3	0	0	0	0	0	1	0	0
	DAMAGE	50	4	2	12	20	5	1	0	0	0	6	0	0
	TOTAL	57	5	2	14	23	5	1	0	0	0	7	0	0
POP UNDER 1000	FATAL	5	2	2	0	1	0	0	0	0	1	2	0	0
	INJURY	81	26	16	15	15	5	11	1	0	0	45	0	0
	DAMAGE	133	42	9	33	37	13	0	1	0	1	62	0	0
	TOTAL	219	70	27	48	53	18	11	2	0	2	109	0	0
ST. CHARLES CO	FATAL	17	5	7	3	5	2	2	0	0	1	6	0	1
	INJURY	1634	386	145	530	456	103	96	2	19	39	370	0	19
	DAMAGE	6281	1036	297	1902	1563	557	25	47	7	4	977	3	98
	TOTAL	7932	1427	449	2435	2024	662	123	49	26	44	1353	3	118
COTTLEVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	54	15	3	25	19	1	2	0	0	0	8	0	1
	DAMAGE	149	30	5	90	26	7	0	0	0	0	25	0	3
	TOTAL	203	45	8	115	45	8	2	0	0	0	33	0	4
DARDENNE PRAIRIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	1	0	6	4	0	0	0	2	0	2	0	0
	DAMAGE	62	6	1	20	10	1	0	0	0	0	8	0	0
	TOTAL	80	7	1	26	14	1	0	0	2	0	10	0	0
LAKE ST. LOUIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	55	15	3	20	15	5	4	0	1	0	15	0	2
	DAMAGE	190	43	15	54	51	32	0	3	0	0	38	2	11
	TOTAL	245	58	18	74	66	37	4	3	1	0	53	2	13
O'FALLON	FATAL	1	0	1	0	0	1	0	0	0	0	0	0	0
	INJURY	292	47	13	111	71	12	13	0	4	7	37	0	2
	DAMAGE	1129	137	47	366	265	72	3	7	3	0	129	0	6
	TOTAL	1422	184	61	477	336	85	16	7	7	7	166	0	8
ST. CHARLES	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	298	64	28	81	85	19	17	0	7	9	67	0	2
	DAMAGE	1526	200	92	410	407	113	8	11	0	2	195	0	17
	TOTAL	1825	265	121	491	492	132	25	11	7	11	263	0	19
ST. PAUL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	2	0	0	0	0	0	0	0	0	1	0	0
	DAMAGE	5	2	0	4	1	1	0	0	0	0	3	0	0
	TOTAL	7	4	0	4	1	1	0	0	0	0	4	0	0
ST. PETERS	FATAL	2	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	316	73	21	108	107	15	13	0	3	14	41	0	6
	DAMAGE	1288	189	53	400	353	110	5	9	3	1	152	0	17
	TOTAL	1606	262	74	508	460	125	18	9	6	15	194	0	23
WELDON SPRING	FATAL	2	1	0	2	0	0	0	0	0	0	1	0	0
	INJURY	5	2	2	2	1	0	1	0	0	0	2	0	0
	DAMAGE	37	13	3	9	13	2	0	0	0	0	11	0	0
	TOTAL	44	16	5	13	14	2	1	0	0	0	14	0	0
WENTZVILLE	FATAL	1	0	0	0	1	0	1	0	0	0	0	0	0
	INJURY	109	25	15	39	25	13	8	2	0	1	31	0	4
	DAMAGE	445	91	5	134	115	56	1	3	0	0	102	0	19
	TOTAL	555	116	20	173	141	69	10	5	0	1	133	0	23
POP UNDER 1000	FATAL	10	3	5	1	4	1	1	0	0	1	3	0	1
	INJURY	485	142	60	138	129	38	38	0	2	8	166	0	2
	DAMAGE	1450	325	76	415	322	163	8	14	1	1	314	1	25
	TOTAL	1945	470	141	554	455	202	47	14	3	10	483	1	28

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
ST. CLAIR CO	FATAL	8	2	3	1	4	2	0	0	0	0	4	0	0
	INJURY	64	21	3	10	25	3	8	0	0	0	29	0	1
	DAMAGE	102	19	5	21	32	16	0	0	0	0	33	0	2
	TOTAL	174	42	11	32	61	21	8	0	0	0	66	0	3
APPLETON CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	3	1	0	1	1	1	0	0	0	0	0	0	0
	TOTAL	3	1	0	1	1	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	8	2	3	1	4	2	0	0	0	0	4	0	0
	INJURY	64	21	3	10	25	3	8	0	0	0	29	0	1
	DAMAGE	99	18	5	20	31	15	0	0	0	0	33	0	2
	TOTAL	171	41	11	31	60	20	8	0	0	0	66	0	3
ST. FRANCOIS CO	FATAL	10	4	3	1	6	1	3	0	0	1	2	0	0
	INJURY	347	107	42	89	81	18	27	0	4	5	127	0	6
	DAMAGE	983	159	44	239	295	94	10	9	0	2	217	1	19
	TOTAL	1340	270	89	329	382	113	40	9	4	8	346	1	25
BISMARCK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	1	0	0	0	0	0	0	0	1	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	1	0	0	0	0	0	0	0	1	0	0
BONNE TERRE	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	11	2	2	5	7	0	1	0	1	0	2	0	1
	DAMAGE	64	3	1	13	17	4	2	0	0	0	4	0	6
	TOTAL	76	5	4	18	24	4	3	0	1	1	6	0	7
DESLOGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	6	2	7	3	2	1	0	0	0	3	0	0
	DAMAGE	96	15	4	29	31	10	1	2	0	0	13	0	0
	TOTAL	116	21	6	36	34	12	2	2	0	0	16	0	0
FARMINGTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	82	10	9	23	27	3	5	0	2	2	11	0	1
	DAMAGE	364	38	11	79	137	19	5	2	0	2	49	0	5
	TOTAL	446	48	20	102	164	22	10	2	2	4	60	0	6
LEADWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	1	0	0
	TOTAL	2	0	0	0	0	0	0	0	0	0	1	0	0
PARK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	24	7	2	5	5	1	1	0	1	0	4	0	0
	DAMAGE	55	6	1	21	20	7	0	0	0	0	10	0	0
	TOTAL	79	13	3	26	25	8	1	0	1	0	14	0	0
POP UNDER 1000	FATAL	9	4	2	1	6	1	3	0	0	0	2	0	0
	INJURY	208	82	26	49	39	12	19	0	0	3	106	0	4
	DAMAGE	403	97	27	97	90	54	2	5	0	0	140	1	8
	TOTAL	620	183	55	147	135	67	24	5	0	3	248	1	12
ST. LOUIS CO	FATAL	57	29	14	7	14	8	7	0	0	11	30	0	0
	INJURY	6176	1259	344	1515	1954	429	203	30	99	227	997	0	92
	DAMAGE	21877	3270	589	5009	6549	2167	59	177	18	31	2731	10	287
	TOTAL	28110	4558	947	6531	8517	2604	269	207	117	269	3758	10	379
BALLWIN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	77	12	7	26	33	2	3	0	4	4	17	0	5
	DAMAGE	325	65	17	97	104	17	1	4	0	0	56	0	6
	TOTAL	402	77	24	123	137	19	4	4	4	4	73	0	11
BELLEFONTAINE NB	FATAL	4	3	1	1	0	0	0	0	0	1	3	0	0
	INJURY	76	30	6	16	14	7	1	0	0	4	17	0	1
	DAMAGE	193	57	6	28	59	29	0	8	0	0	36	0	0
	TOTAL	273	90	13	45	73	36	1	8	0	5	56	0	1
BEL-NOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	2	1	1	0	0	0	0	0	0	1	0	0
	DAMAGE	13	2	0	4	3	2	0	0	0	0	2	0	1
	TOTAL	15	4	1	5	3	2	0	0	0	0	3	0	1
BEL-RIDGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	21	3	2	2	7	1	1	0	0	1	4	0	0
	DAMAGE	103	12	1	18	21	13	1	0	0	0	15	0	0
	TOTAL	124	15	3	20	28	14	2	0	0	1	19	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
BERKELEY	FATAL	6	5	1	1	1	0	1	0	0	0	3	0	0
	INJURY	149	45	13	30	36	14	3	1	2	8	34	0	2
	DAMAGE	420	101	16	70	89	49	2	3	0	1	86	0	6
	TOTAL	575	151	30	101	126	63	6	4	2	9	123	0	8
BLACK JACK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	1	0	4	1	0	0	0	0	1	7	0	0
	DAMAGE	47	12	1	12	15	4	0	1	0	0	13	0	1
	TOTAL	59	13	1	16	16	4	0	1	0	1	20	0	1
BRECKENRIDGE HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	5	5	6	6	4	2	0	0	1	3	0	0
	DAMAGE	77	6	1	9	22	7	0	1	0	0	5	0	0
	TOTAL	102	11	6	15	28	11	2	1	0	1	8	0	0
BRENTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	47	4	0	6	18	2	1	0	0	2	3	0	1
	DAMAGE	275	22	2	42	90	39	1	1	0	0	15	0	5
	TOTAL	322	26	2	48	108	41	2	1	0	2	18	0	6
BRIDGETON	FATAL	7	3	3	0	2	3	1	0	0	1	3	0	0
	INJURY	290	84	14	53	90	36	7	0	1	4	73	0	1
	DAMAGE	558	99	12	97	182	81	0	2	0	1	78	0	1
	TOTAL	855	186	29	150	274	120	8	2	1	6	154	0	2
CALVERTON PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	2	1	0	0	0	0	0	0	0	0
	DAMAGE	10	3	1	5	3	1	0	0	0	0	3	0	0
	TOTAL	14	4	1	7	4	1	0	0	0	0	3	0	0
CHARLACK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	2	0	0	1	0	0	0	0	0	1	0	0
	DAMAGE	16	4	0	1	3	2	0	0	0	0	3	0	0
	TOTAL	20	6	0	1	4	2	0	0	0	0	4	0	0
CHESTERFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	259	35	17	75	101	10	10	2	4	3	45	0	4
	DAMAGE	866	108	13	288	263	70	1	4	0	0	116	1	14
	TOTAL	1125	143	30	363	364	80	11	6	4	3	161	1	18
CLARKSON VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	1	0	2	2	0	0	0	0	1	0	0	0
	DAMAGE	20	2	0	12	4	2	0	1	0	0	3	0	1
	TOTAL	25	3	0	14	6	2	0	1	0	1	3	0	1
CLAYTON	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	103	17	6	18	35	0	2	1	4	2	14	0	4
	DAMAGE	530	58	12	68	162	41	0	1	1	0	68	0	16
	TOTAL	634	76	18	86	197	41	2	2	5	2	83	0	20
COOL VALLEY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	8	0	5	5	1	0	0	0	0	6	0	0
	DAMAGE	59	18	1	8	14	6	0	0	0	0	15	0	0
	TOTAL	77	26	1	13	19	7	0	0	0	0	21	0	0
COUNTRY CLUB HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	15	4	1	3	3	1	0	0	0	2	1	0	0
	DAMAGE	53	9	0	8	14	3	0	0	0	0	5	0	1
	TOTAL	68	13	1	11	17	4	0	0	0	2	6	0	1
CRESTWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	8	0	5	10	2	3	0	1	1	7	0	0
	DAMAGE	114	17	4	21	37	9	0	0	2	0	17	0	1
	TOTAL	141	25	4	26	47	11	3	0	3	1	24	0	1
CREVE COEUR	FATAL	1	0	0	1	0	0	0	0	0	1	0	0	0
	INJURY	336	48	15	57	121	18	7	1	1	5	21	0	3
	DAMAGE	1091	108	25	212	416	83	2	3	0	0	65	1	3
	TOTAL	1428	156	40	270	537	101	9	4	1	6	86	1	6
DELLWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	1	4	8	13	0	2	0	0	3	6	0	0
	DAMAGE	53	4	0	15	12	8	0	1	0	0	9	0	0
	TOTAL	87	5	4	23	25	8	2	1	0	3	15	0	0
DES PERES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	88	10	2	21	27	8	2	0	1	3	6	0	0
	DAMAGE	398	39	4	112	139	33	1	2	0	0	22	0	2
	TOTAL	486	49	6	133	166	41	3	2	1	3	28	0	2

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
ELLISVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	49	3	1	24	13	4	2	0	1	1	3	0	0
	DAMAGE	288	16	5	85	107	20	2	3	0	0	11	0	2
	TOTAL	337	19	6	109	120	24	4	3	1	1	14	0	2
EUREKA	FATAL	1	1	0	0	0	0	0	0	0	0	1	0	0
	INJURY	65	13	1	22	16	12	2	0	1	3	10	0	0
	DAMAGE	225	37	4	63	50	32	2	0	0	0	48	0	2
	TOTAL	291	51	5	85	66	44	4	0	1	3	59	0	2
FENTON	FATAL	4	2	0	1	1	0	0	0	0	0	2	0	0
	INJURY	111	12	8	22	31	9	3	1	2	1	18	0	1
	DAMAGE	379	43	8	85	116	62	3	1	0	0	53	0	1
	TOTAL	494	57	16	108	148	71	6	2	2	1	73	0	2
FERGUSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	131	21	5	53	29	5	2	0	0	7	17	0	0
	DAMAGE	246	36	4	62	68	16	0	2	1	0	45	0	1
	TOTAL	377	57	9	115	97	21	2	2	1	7	62	0	1
FLORISSANT	FATAL	1	1	1	1	0	0	0	0	0	0	1	0	0
	INJURY	386	59	17	110	142	20	19	2	10	15	30	0	1
	DAMAGE	1209	163	36	312	403	108	5	13	1	1	104	0	14
	TOTAL	1596	223	54	423	545	128	24	15	11	16	135	0	15
FRONTENAC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	32	3	0	6	16	2	0	0	1	1	3	0	1
	DAMAGE	131	14	2	43	62	7	0	2	0	0	11	0	5
	TOTAL	163	17	2	49	78	9	0	2	1	1	14	0	6
GLENDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	0	1	2	5	2	1	0	1	0	0	0	0
	DAMAGE	59	7	1	16	21	5	0	1	0	0	9	0	0
	TOTAL	68	7	2	18	26	7	1	1	1	0	9	0	0
GREEN PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	3	0	3	2	1	0	0	0	1	0	0	0
	DAMAGE	26	3	2	5	13	4	0	1	0	0	2	0	0
	TOTAL	33	6	2	8	15	5	0	1	0	1	2	0	0
HANLEY HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	1	0	0	0	0	1	0	0
	DAMAGE	8	0	0	2	1	0	0	0	0	0	0	0	0
	TOTAL	9	0	0	2	1	1	0	0	0	0	1	0	0
HAZELWOOD	FATAL	1	1	0	0	1	0	0	0	0	0	1	0	0
	INJURY	228	60	6	59	62	15	5	1	1	5	47	0	3
	DAMAGE	662	119	10	160	169	40	2	5	0	2	77	0	4
	TOTAL	891	180	16	219	232	55	7	6	1	7	125	0	7
HILLSDALE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	6	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	7	1	0	1	0	0	0	0	0	0	0	0	0
JENNINGS	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	68	15	4	19	21	1	2	0	1	7	6	0	1
	DAMAGE	301	55	7	57	76	21	0	1	0	2	28	0	4
	TOTAL	370	71	11	77	97	22	2	1	1	9	35	0	5
KIRKWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	220	25	11	61	80	15	8	4	1	8	28	0	5
	DAMAGE	954	104	26	249	320	97	4	9	3	0	80	1	1
	TOTAL	1174	129	37	310	400	112	12	13	4	8	108	1	6
LADUE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	115	26	4	23	60	5	2	1	0	1	10	0	2
	DAMAGE	290	61	12	82	116	27	0	3	0	0	33	0	1
	TOTAL	405	87	16	105	176	32	2	4	0	1	43	0	3
LAKESHIRE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	1	0	0	0
	DAMAGE	7	1	0	1	1	1	0	0	0	0	1	0	0
	TOTAL	8	1	0	1	1	1	0	0	0	1	1	0	0
MANCHESTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	68	22	4	22	19	3	0	0	1	0	13	0	0
	DAMAGE	315	58	14	82	105	25	0	3	1	0	44	0	2
	TOTAL	383	80	18	104	124	28	0	3	2	0	57	0	2

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MAPLEWOOD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	43	6	0	11	10	1	2	0	2	6	1	0	0
	DAMAGE	198	17	5	22	62	21	0	1	0	3	10	1	3
	TOTAL	241	23	5	33	72	22	2	1	2	9	11	1	3
MARLBOROUGH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	12	1	1	2	5	0	1	0	0	0	1	0	0
	DAMAGE	51	4	2	15	22	5	0	0	0	0	2	0	0
	TOTAL	63	5	3	17	27	5	1	0	0	0	3	0	0
MARYLAND HEIGHTS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	258	57	18	58	70	14	10	0	3	6	48	0	3
	DAMAGE	889	154	33	172	255	97	4	6	1	3	113	1	7
	TOTAL	1147	211	51	230	325	111	14	6	4	9	161	1	10
MOLINE ACRES	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	1	0	2	11	0	0	0	0	4	0	0	0
	DAMAGE	47	4	0	9	16	2	0	1	0	0	4	0	0
	TOTAL	70	5	0	11	27	2	0	1	0	4	4	0	0
NORMANDY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	29	5	2	6	8	4	1	0	1	2	7	0	1
	DAMAGE	108	13	2	31	24	17	0	1	0	0	23	0	1
	TOTAL	137	18	4	37	32	21	1	1	1	2	30	0	2
NORTHWOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	7	0	2	2	4	0	0	1	2	3	0	0
	DAMAGE	44	8	3	7	12	2	0	0	0	0	4	0	0
	TOTAL	60	15	3	9	14	6	0	0	1	2	7	0	0
NORWOOD COURT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	22	1	3	9	3	0	0	0	0	7	0	0
	DAMAGE	47	9	3	7	5	5	0	0	0	0	6	0	0
	TOTAL	81	31	4	10	14	8	0	0	0	0	13	0	0
OAKLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	20	7	3	5	6	2	2	0	0	0	6	0	0
	DAMAGE	28	11	1	7	4	5	0	0	0	0	9	0	1
	TOTAL	48	18	4	12	10	7	2	0	0	0	15	0	1
OLIVETTE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	55	11	3	13	23	4	1	3	1	1	7	0	1
	DAMAGE	198	32	0	38	73	15	0	4	0	0	22	0	3
	TOTAL	253	43	3	51	96	19	1	7	1	1	29	0	4
OVERLAND	FATAL	1	0	1	0	0	0	0	0	0	1	0	0	0
	INJURY	87	20	12	13	25	9	3	0	2	7	14	0	1
	DAMAGE	572	106	25	91	164	58	2	4	2	2	49	0	4
	TOTAL	660	126	38	104	189	67	5	4	4	10	63	0	5
PACIFIC/FRA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	1	1	1	0	0	0	0	0	1	0	0
	DAMAGE	5	1	0	1	1	1	0	0	0	0	1	0	0
	TOTAL	7	2	1	2	2	1	0	0	0	0	2	0	0
PAGEDALE	FATAL	2	0	0	0	1	0	0	0	0	1	1	0	0
	INJURY	16	3	2	2	6	0	0	0	1	3	4	0	0
	DAMAGE	39	6	1	3	10	2	0	0	0	0	6	0	0
	TOTAL	57	9	3	5	17	2	0	0	1	4	11	0	0
PASADENA HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	1	1	2	1	0	0	0	0	0	0	0	0
	TOTAL	5	1	1	2	1	0	0	0	0	0	0	0	0
PINE LAWN	FATAL	2	1	2	0	0	0	0	0	0	0	2	0	0
	INJURY	34	10	1	10	8	3	0	0	0	0	11	0	0
	DAMAGE	114	20	2	19	27	14	0	1	0	0	17	0	1
	TOTAL	150	31	5	29	35	17	0	1	0	0	30	0	1
RICHMOND HEIGHTS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	130	31	5	23	45	5	3	3	1	2	17	0	34
	DAMAGE	450	60	9	83	136	48	1	2	0	1	42	0	76
	TOTAL	580	91	14	106	181	53	4	5	1	3	59	0	110
RIVERVIEW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	7	1	2	2	3	1	0	0	1	0	1	0	0
	DAMAGE	20	4	1	3	3	2	0	1	0	0	3	0	0
	TOTAL	27	5	3	5	6	3	0	1	1	0	4	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
ROCK HILL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	18	6	0	6	4	1	2	0	0	1	2	0	0
	DAMAGE	70	12	2	13	27	6	0	0	0	0	3	0	1
	TOTAL	88	18	2	19	31	7	2	0	0	1	5	0	1
ST. ANN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	62	16	6	10	13	8	2	0	3	3	14	0	0
	DAMAGE	236	50	13	42	63	44	0	3	0	0	40	0	0
	TOTAL	298	66	19	52	76	52	2	3	3	3	54	0	0
ST. GEORGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	8	0	1	0	5	1	0	0	0	0	2	0	0
	TOTAL	9	0	1	1	5	1	0	0	0	0	2	0	0
ST. JOHN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	43	4	3	5	17	5	3	1	1	2	4	0	0
	DAMAGE	129	23	8	24	27	8	0	1	0	0	7	0	0
	TOTAL	172	27	11	29	44	13	3	2	1	2	11	0	0
SHREWSBURY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	26	2	4	4	8	4	0	0	1	2	5	0	1
	DAMAGE	158	20	5	30	51	20	0	2	0	0	20	0	2
	TOTAL	184	22	9	34	59	24	0	2	1	2	25	0	3
SUNSET HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	179	40	17	49	47	18	7	1	1	1	37	0	0
	DAMAGE	601	109	18	128	169	79	1	3	0	0	100	0	2
	TOTAL	780	149	35	177	216	97	8	4	1	1	137	0	2
TOWN AND COUNTRY	FATAL	1	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	167	39	8	27	70	16	7	1	0	3	21	0	1
	DAMAGE	528	72	13	132	171	68	1	3	0	0	42	0	6
	TOTAL	696	111	21	159	242	85	8	4	0	3	63	0	7
UNIVERSITY CITY	FATAL	1	1	0	0	1	0	0	0	0	0	0	0	0
	INJURY	133	30	10	14	40	5	3	0	8	15	17	0	1
	DAMAGE	577	63	13	86	128	41	1	1	0	3	67	0	2
	TOTAL	711	94	23	100	169	46	4	1	8	18	84	0	3
VALLEY PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	6	0	7	7	1	3	0	0	0	6	0	0
	DAMAGE	92	10	0	26	26	13	0	1	1	0	13	0	0
	TOTAL	115	16	0	33	33	14	3	1	1	0	19	0	0
VELDA VILLAGE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	3	0	0	0	0	1	0	0	0
	DAMAGE	15	0	0	0	5	1	0	0	0	0	3	0	0
	TOTAL	19	0	0	1	8	1	0	0	0	1	3	0	0
VELDA VILLAGE HILLS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	1	0	0
	DAMAGE	5	2	0	0	1	1	0	0	0	0	0	0	0
	TOTAL	6	2	0	0	2	1	0	0	0	0	1	0	0
VINITA PARK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	2	3	2	3	2	0	0	0	4	2	0	0
	DAMAGE	19	5	1	4	3	0	0	0	0	0	0	0	0
	TOTAL	33	7	4	6	6	2	0	0	0	4	2	0	0
WARSON WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	5	0	0	1	4	2	0	0	0	0	1	0	0
	TOTAL	5	0	0	1	4	2	0	0	0	0	1	0	0
WEBSTER GROVES	FATAL	2	1	1	0	1	0	0	0	0	1	2	0	0
	INJURY	82	21	5	18	27	8	2	0	3	5	10	0	0
	DAMAGE	409	60	18	106	130	58	0	1	1	2	48	0	5
	TOTAL	493	82	24	124	158	66	2	1	4	8	60	0	5
WELLSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	1	0	0	0	0	0	0	0	0	0	0	0
WILDWOOD	FATAL	1	1	1	0	0	0	0	0	0	0	1	0	0
	INJURY	94	31	8	37	17	8	6	0	2	1	30	0	1
	DAMAGE	315	88	12	144	55	24	1	8	0	0	98	1	6
	TOTAL	410	120	21	181	72	32	7	8	2	1	129	1	7

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
WINCHESTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	6	2	0	2	3	0	0	0	0	0	0	0	0
	DAMAGE	55	5	0	19	18	1	0	0	0	0	2	0	0
	TOTAL	61	7	0	21	21	1	0	0	0	0	2	0	0
WOODSON TERRACE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	10	5	1	1	3	2	0	0	0	0	4	0	0
	DAMAGE	33	8	0	8	10	8	1	0	0	0	6	0	0
	TOTAL	43	13	1	9	13	10	1	0	0	0	10	0	0
POP UNDER 1000	FATAL	21	7	3	2	5	4	5	0	0	5	8	0	0
	INJURY	1462	287	73	413	438	101	55	8	29	60	265	0	13
	DAMAGE	5478	830	149	1305	1561	534	20	57	4	10	791	4	72
	TOTAL	6961	1124	225	1720	2004	639	80	65	33	75	1064	4	85
STE. GENEVIEVE CO	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	102	33	14	25	29	18	9	0	1	2	56	0	0
	DAMAGE	290	73	21	66	71	46	0	0	0	0	103	0	3
	TOTAL	393	106	35	91	100	65	9	0	1	2	159	0	3
STE. GENEVIEVE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	1	1	4	8	3	2	0	0	1	3	0	0
	DAMAGE	50	7	5	16	14	13	0	0	0	0	13	0	0
	TOTAL	64	8	6	20	22	16	2	0	0	1	16	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	88	32	13	21	21	15	7	0	1	1	53	0	0
	DAMAGE	240	66	16	50	57	33	0	0	0	0	90	0	3
	TOTAL	329	98	29	71	78	49	7	0	1	1	143	0	3
SALINE CO	FATAL	6	2	0	3	3	0	0	0	0	0	2	0	0
	INJURY	162	44	15	38	46	19	13	0	5	8	62	0	0
	DAMAGE	473	117	15	104	137	64	2	6	0	0	155	1	2
	TOTAL	641	163	30	145	186	83	15	6	5	8	219	1	2
MARSHALL	FATAL	1	1	0	1	0	0	0	0	0	0	1	0	0
	INJURY	60	6	6	15	21	6	4	0	5	6	8	0	0
	DAMAGE	227	24	7	61	85	16	1	5	0	0	28	0	1
	TOTAL	288	31	13	77	106	22	5	5	5	6	37	0	1
SLATER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	17	4	1	8	1	1	1	0	0	0	5	0	0
	TOTAL	18	4	1	8	2	1	1	0	0	0	5	0	0
SWEET SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	1	0	0	0	0	0	0
	DAMAGE	5	0	0	2	2	1	0	0	0	0	1	0	1
	TOTAL	6	0	0	3	2	1	1	0	0	0	1	0	1
POP UNDER 1000	FATAL	5	1	0	2	3	0	0	0	0	0	1	0	0
	INJURY	100	38	9	22	24	13	8	0	0	2	54	0	0
	DAMAGE	224	89	7	33	49	46	0	1	0	0	121	1	0
	TOTAL	329	128	16	57	76	59	8	1	0	2	176	1	0
SCHUYLER CO	FATAL	2	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	33	12	9	10	8	3	1	0	0	0	14	0	0
	DAMAGE	17	4	1	9	4	8	0	1	0	0	4	0	0
	TOTAL	52	16	10	19	13	12	1	1	0	0	18	0	0
POP UNDER 1000	FATAL	2	0	0	0	1	1	0	0	0	0	0	0	0
	INJURY	33	12	9	10	8	3	1	0	0	0	14	0	0
	DAMAGE	17	4	1	9	4	8	0	1	0	0	4	0	0
	TOTAL	52	16	10	19	13	12	1	1	0	0	18	0	0
SCOTLAND CO	FATAL	1	1	0	1	1	0	0	0	0	0	0	0	0
	INJURY	19	1	2	3	6	5	2	0	0	1	9	0	0
	DAMAGE	68	16	2	12	16	13	0	0	0	0	18	0	0
	TOTAL	88	18	4	16	23	18	2	0	0	1	27	0	0
MEMPHIS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	2	1	0	0	0	1	0	0	0
	DAMAGE	20	3	1	5	6	3	0	0	0	0	2	0	0
	TOTAL	23	3	1	6	8	4	0	0	0	1	2	0	0
POP UNDER 1000	FATAL	1	1	0	1	1	0	0	0	0	0	0	0	0
	INJURY	16	1	2	2	4	4	2	0	0	0	9	0	0
	DAMAGE	48	13	1	7	10	10	0	0	0	0	16	0	0
	TOTAL	65	15	3	10	15	14	2	0	0	0	25	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
<b>SCOTT CO</b>	FATAL	7	2	2	1	2	2	1	0	0	0	5	0	0
	INJURY	224	54	19	65	60	14	9	1	3	5	67	0	1
	DAMAGE	665	135	29	164	202	62	3	3	0	1	173	1	2
	TOTAL	896	191	50	230	264	78	13	4	3	6	245	1	3
CAPE GIR/SCO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	1	0	1	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	1	1	0	0	0	0	0	0	0	0
	TOTAL	3	0	1	1	2	0	0	0	0	0	0	0	0
CHAFFEE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	2	2	0	1	0	0	0	0	0	0
	DAMAGE	17	1	0	2	6	1	0	0	0	0	2	0	0
	TOTAL	21	1	0	4	8	1	1	0	0	0	2	0	0
MINER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	4	0	4	7	1	2	0	0	0	3	0	1
	DAMAGE	51	16	1	8	22	7	1	0	0	0	9	0	0
	TOTAL	68	20	1	12	29	8	3	0	0	0	12	0	1
ORAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	1	0	0	1	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	1	0	0	0	0	0	0	0	0	0
SCOTT CITY	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	12	4	0	5	3	0	1	0	0	0	3	0	0
	DAMAGE	102	28	6	33	21	12	0	1	0	0	28	1	1
	TOTAL	115	32	6	38	24	13	1	1	0	0	31	1	1
SIKESTON/SCO	FATAL	2	1	0	0	1	0	1	0	0	0	2	0	0
	INJURY	94	12	4	31	36	0	4	1	3	4	15	0	0
	DAMAGE	285	29	7	79	111	16	2	1	0	1	39	0	0
	TOTAL	381	42	11	110	148	16	7	2	3	5	56	0	0
POP UNDER 1000	FATAL	4	1	2	1	1	1	0	0	0	0	3	0	0
	INJURY	95	34	14	23	11	13	1	0	0	1	46	0	0
	DAMAGE	209	61	15	40	41	27	0	1	0	0	95	0	1
	TOTAL	308	96	31	64	53	41	1	1	0	1	144	0	1
<b>SHANNON CO</b>	FATAL	3	1	0	0	3	2	1	0	0	0	1	0	0
	INJURY	40	29	8	14	11	1	2	0	0	0	26	0	0
	DAMAGE	62	23	2	17	19	8	0	0	0	0	17	0	0
	TOTAL	105	53	10	31	33	11	3	0	0	0	44	0	0
WINONA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	0	0	0	0	0	0	0	0
	DAMAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	1	0	0	0	1	0	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	3	1	0	0	3	2	1	0	0	0	1	0	0
	INJURY	39	29	8	14	10	1	2	0	0	0	26	0	0
	DAMAGE	62	23	2	17	19	8	0	0	0	0	17	0	0
	TOTAL	104	53	10	31	32	11	3	0	0	0	44	0	0
<b>SHELBY CO</b>	FATAL	1	1	0	0	0	1	0	0	0	0	0	0	0
	INJURY	28	11	2	10	14	9	4	0	0	0	12	0	1
	DAMAGE	48	6	1	3	15	17	0	1	0	0	11	0	1
	TOTAL	77	18	3	13	29	27	4	1	0	0	23	0	2
SHELBYNA	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	1	1	0	0	0	0	0	0	0
	DAMAGE	1	0	0	0	0	0	0	0	0	0	0	0	0
	TOTAL	2	0	0	0	1	1	0	0	0	0	0	0	0
POP UNDER 1000	FATAL	1	1	0	0	0	1	0	0	0	0	0	0	0
	INJURY	27	11	2	10	13	8	4	0	0	0	12	0	1
	DAMAGE	47	6	1	3	15	17	0	1	0	0	11	0	1
	TOTAL	75	18	3	13	28	26	4	1	0	0	23	0	2
<b>STODDARD CO</b>	FATAL	5	2	1	0	2	1	1	0	0	0	3	0	0
	INJURY	166	51	13	50	43	15	8	2	0	3	82	0	1
	DAMAGE	362	74	27	83	112	34	1	3	0	0	112	1	7
	TOTAL	533	127	41	133	157	50	10	5	0	3	197	1	8
ADVANCE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	0	4	0	0	0	0	0	1	0	0
	DAMAGE	2	0	0	0	2	0	0	0	0	0	0	0	0
	TOTAL	6	0	0	0	6	0	0	0	0	0	1	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
BERNIE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	16	2	0	4	5	1	0	0	0	0	5	0	0
	TOTAL	18	2	0	5	6	1	0	0	0	0	5	0	0
BLOOMFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	0	0	1	1	0	0	0	0	0	0	0	0
	DAMAGE	15	1	0	1	6	0	0	0	0	0	2	0	0
	TOTAL	18	1	0	2	7	0	0	0	0	0	2	0	0
DEXTER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	23	2	1	8	8	2	3	1	0	1	2	0	0
	DAMAGE	113	14	6	32	45	2	1	1	0	0	22	0	4
	TOTAL	136	16	7	40	53	4	4	2	0	1	24	0	4
PUXICO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	0	0	3	1	1	0	0	0	0	1	0	0
	DAMAGE	9	0	1	4	2	1	0	0	0	0	2	0	0
	TOTAL	14	0	1	7	3	2	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	5	2	1	0	2	1	1	0	0	0	3	0	0
	INJURY	129	49	12	37	28	12	5	1	0	2	78	0	1
	DAMAGE	207	57	20	42	52	30	0	2	0	0	81	1	3
	TOTAL	341	108	33	79	82	43	6	3	0	2	162	1	4
STONE CO	FATAL	3	2	2	1	0	0	0	0	0	0	2	0	0
	INJURY	254	88	18	72	72	6	24	0	0	3	94	0	5
	DAMAGE	347	78	31	77	117	29	3	1	0	1	104	0	12
	TOTAL	604	168	51	150	189	35	27	1	0	4	200	0	17
CRANE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	1	2	0	0	1	0	0	0	1	0	0
	DAMAGE	12	0	0	2	3	2	0	1	0	1	1	0	0
	TOTAL	16	1	1	4	3	2	1	1	0	1	2	0	0
KIMBERLING CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	3	0	3	1	0	0	0	0	1	6	0	0
	DAMAGE	17	3	2	1	8	2	0	0	0	0	4	0	0
	TOTAL	26	6	2	4	9	2	0	0	0	1	10	0	0
POP UNDER 1000	FATAL	3	2	2	1	0	0	0	0	0	0	2	0	0
	INJURY	241	84	17	67	71	6	23	0	0	2	87	0	5
	DAMAGE	318	75	29	74	106	25	3	0	0	0	99	0	12
	TOTAL	562	161	48	142	177	31	26	0	0	2	188	0	17
SULLIVAN CO	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	44	13	8	15	4	5	0	0	0	2	26	0	1
	DAMAGE	86	15	5	14	20	15	0	0	0	0	23	0	2
	TOTAL	130	28	13	29	24	20	0	0	0	2	49	0	3
MILAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	13	1	5	4	1	0	0	0	0	1	6	0	0
	DAMAGE	29	2	3	5	6	1	0	0	0	0	3	0	0
	TOTAL	42	3	8	9	7	1	0	0	0	1	9	0	0
POP UNDER 1000	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	31	12	3	11	3	5	0	0	0	1	20	0	1
	DAMAGE	57	13	2	9	14	14	0	0	0	0	20	0	2
	TOTAL	88	25	5	20	17	19	0	0	0	1	40	0	3
TANEY CO	FATAL	8	5	1	3	1	0	1	0	0	0	4	0	0
	INJURY	464	114	43	115	173	17	34	3	4	15	128	0	6
	DAMAGE	1012	175	51	229	388	51	7	3	1	1	218	0	5
	TOTAL	1484	294	95	347	562	68	42	6	5	16	350	0	11
BRANSON	FATAL	2	1	0	1	1	0	0	0	0	0	1	0	0
	INJURY	213	27	11	50	93	4	7	0	4	9	27	0	0
	DAMAGE	525	46	15	124	248	21	1	2	1	0	59	0	2
	TOTAL	740	74	26	175	342	25	8	2	5	9	87	0	2
FORSYTH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	0	1	6	7	0	1	0	0	2	0	0	1
	DAMAGE	33	1	0	12	20	1	0	0	0	0	3	0	1
	TOTAL	49	1	1	18	27	1	1	0	0	2	3	0	2
HOLLISTER	FATAL	1	0	1	0	0	0	1	0	0	0	0	0	0
	INJURY	23	3	1	9	9	1	0	1	0	0	5	0	1
	DAMAGE	100	15	3	24	32	2	1	0	0	0	16	0	0
	TOTAL	124	18	5	33	41	3	2	1	0	0	21	0	1

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MERRIAM WOODS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	1	0	1	1	0	0	0	0	0	2	0	0
	DAMAGE	10	0	1	2	5	0	0	0	0	0	1	0	0
	TOTAL	14	1	1	3	6	0	0	0	0	0	3	0	0
POP UNDER 1000	FATAL	5	4	0	2	0	0	0	0	0	0	3	0	0
	INJURY	208	83	30	49	63	12	26	2	0	4	94	0	4
	DAMAGE	344	113	32	67	83	27	5	1	0	1	139	0	2
	TOTAL	557	200	62	118	146	39	31	3	0	5	236	0	6
TEXAS CO	FATAL	9	4	1	1	2	3	2	0	0	0	3	0	0
	INJURY	127	54	19	34	41	7	6	1	1	2	58	0	0
	DAMAGE	286	91	18	56	66	34	2	2	0	0	101	1	5
	TOTAL	422	149	38	91	109	44	10	3	1	2	162	1	5
CABOOL	FATAL	1	1	0	0	0	1	0	0	0	0	0	0	0
	INJURY	9	2	2	3	3	1	0	0	1	0	3	0	0
	DAMAGE	22	6	2	8	8	4	0	0	0	0	8	0	0
	TOTAL	32	9	4	11	11	6	0	0	1	0	11	0	0
HOUSTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	16	1	1	6	9	0	1	1	0	1	2	0	0
	DAMAGE	39	1	1	9	12	4	1	0	0	0	3	0	0
	TOTAL	55	2	2	15	21	4	2	1	0	1	5	0	0
LICKING	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	1	0	0	2	0	0	0	0	0	1	0	0
	DAMAGE	12	2	1	5	2	3	0	0	0	0	1	0	0
	TOTAL	14	3	1	5	4	3	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	8	3	1	1	2	2	2	0	0	0	3	0	0
	INJURY	100	50	16	25	27	6	5	0	0	1	52	0	0
	DAMAGE	213	82	14	34	44	23	1	2	0	0	89	1	5
	TOTAL	321	135	31	60	73	31	8	2	0	1	144	1	5
VERNON CO	FATAL	5	2	2	1	2	1	1	0	0	0	2	0	0
	INJURY	104	36	12	30	21	9	5	1	3	4	46	2	0
	DAMAGE	315	61	14	81	92	43	3	3	0	0	80	1	1
	TOTAL	424	99	28	112	115	53	9	4	3	4	128	3	1
NEVADA	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	52	11	3	17	12	6	3	0	3	4	9	1	0
	DAMAGE	174	29	6	49	62	22	2	1	0	0	33	1	0
	TOTAL	227	40	10	66	74	28	5	1	3	4	42	2	0
POP UNDER 1000	FATAL	4	2	1	1	2	1	1	0	0	0	2	0	0
	INJURY	52	25	9	13	9	3	2	1	0	0	37	1	0
	DAMAGE	141	32	8	32	30	21	1	2	0	0	47	0	1
	TOTAL	197	59	18	46	41	25	4	3	0	0	86	1	1
WARREN CO	FATAL	10	6	3	2	3	2	2	0	0	1	2	0	0
	INJURY	152	53	26	38	41	20	17	1	0	3	66	0	1
	DAMAGE	494	102	20	111	122	77	2	1	0	0	143	0	3
	TOTAL	656	161	49	151	166	99	21	2	0	4	211	0	4
WARRENTON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	34	5	4	11	15	4	3	1	0	1	9	0	1
	DAMAGE	171	15	3	50	59	15	1	0	0	0	23	0	1
	TOTAL	205	20	7	61	74	19	4	1	0	1	32	0	2
WRIGHT CITY	FATAL	1	0	1	0	1	0	1	0	0	0	0	0	0
	INJURY	11	3	1	1	2	2	0	0	0	0	5	0	0
	DAMAGE	69	13	3	15	17	14	0	0	0	0	21	0	1
	TOTAL	81	16	5	16	20	16	1	0	0	0	26	0	1
POP UNDER 1000	FATAL	9	6	2	2	2	2	1	0	0	1	2	0	0
	INJURY	107	45	21	26	24	14	14	0	0	2	52	0	0
	DAMAGE	254	74	14	46	46	48	1	1	0	0	99	0	1
	TOTAL	370	125	37	74	72	64	16	1	0	3	153	0	1
WASHINGTON CO	FATAL	9	1	2	3	2	1	1	0	0	0	4	0	0
	INJURY	164	75	25	46	26	5	10	0	1	1	98	1	0
	DAMAGE	211	60	8	44	47	6	3	1	0	0	72	0	0
	TOTAL	384	136	35	93	75	12	14	1	1	1	174	1	0
POTOSI	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	14	2	0	6	6	1	0	0	0	0	4	0	0
	DAMAGE	82	15	2	22	25	1	1	0	0	0	14	0	0
	TOTAL	96	17	2	28	31	2	1	0	0	0	18	0	0

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
COUNTY AND CITY SUMMARY <sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
POP UNDER 1000	FATAL	9	1	2	3	2	1	1	0	0	0	4	0	0
	INJURY	150	73	25	40	20	4	10	0	1	1	94	1	0
	DAMAGE	129	45	6	22	22	5	2	1	0	0	58	0	0
	TOTAL	288	119	33	65	44	10	13	1	1	1	156	1	0
WAYNE CO	FATAL	5	1	2	1	2	0	1	0	0	1	4	0	0
	INJURY	102	24	18	24	35	5	10	0	1	2	50	1	2
	DAMAGE	185	30	13	39	63	21	2	2	0	0	75	0	2
	TOTAL	292	55	33	64	100	26	13	2	1	3	129	1	4
PIEDMONT	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	0	1	2	7	0	0	0	1	0	0	0	0
	DAMAGE	28	1	0	10	11	2	0	0	0	0	5	0	0
	TOTAL	36	1	1	12	18	2	0	0	1	0	5	0	0
POP UNDER 1000	FATAL	5	1	2	1	2	0	1	0	0	1	4	0	0
	INJURY	94	24	17	22	28	5	10	0	0	2	50	1	2
	DAMAGE	157	29	13	29	52	19	2	2	0	0	70	0	2
	TOTAL	256	54	32	52	82	24	13	2	0	3	124	1	4
WEBSTER CO	FATAL	6	1	1	1	4	0	1	0	0	0	1	0	0
	INJURY	146	51	13	44	36	19	4	0	0	1	63	0	5
	DAMAGE	452	128	18	111	125	71	4	1	0	0	169	0	19
	TOTAL	604	180	32	156	165	90	9	1	0	1	233	0	24
MARSHFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	3	0	11	11	4	0	0	0	0	3	0	5
	DAMAGE	128	10	0	46	44	18	2	0	0	0	13	0	17
	TOTAL	155	13	0	57	55	22	2	0	0	0	16	0	22
ROGERSVIL/WEB	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	9	2	0	1	7	1	0	0	0	0	2	0	0
	DAMAGE	28	2	0	8	8	3	0	0	0	0	3	0	0
	TOTAL	37	4	0	9	15	4	0	0	0	0	5	0	0
SEYMOUR	FATAL	3	0	0	0	3	0	0	0	0	0	0	0	0
	INJURY	14	3	1	3	4	1	0	0	0	0	2	0	0
	DAMAGE	30	6	3	6	8	5	0	1	0	0	4	0	1
	TOTAL	47	9	4	9	15	6	0	1	0	0	6	0	1
POP UNDER 1000	FATAL	3	1	1	1	1	0	1	0	0	0	1	0	0
	INJURY	96	43	12	29	14	13	4	0	0	1	56	0	0
	DAMAGE	265	109	15	51	64	45	2	0	0	0	149	0	1
	TOTAL	364	153	28	81	79	58	7	0	0	1	206	0	1
WORTH CO	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	7	5	1	2	1	0	0	0	0	0	3	0	0
	DAMAGE	28	6	1	7	3	4	0	1	0	0	6	0	0
	TOTAL	36	11	2	9	4	4	0	1	0	0	10	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	7	5	1	2	1	0	0	0	0	0	3	0	0
	DAMAGE	28	6	1	7	3	4	0	1	0	0	6	0	0
	TOTAL	36	11	2	9	4	4	0	1	0	0	10	0	0
WRIGHT CO	FATAL	2	0	0	0	1	0	0	0	0	0	1	0	0
	INJURY	73	27	4	24	18	2	4	0	0	1	40	0	1
	DAMAGE	167	52	7	40	52	21	1	1	1	0	55	0	3
	TOTAL	242	79	11	64	71	23	5	1	1	1	96	0	4
MANSFIELD	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	2	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	13	1	0	3	6	1	0	0	0	0	3	0	0
	TOTAL	15	1	0	4	6	1	0	0	0	0	3	0	0
MOUNTAIN GROVE	FATAL	1	0	0	0	1	0	0	0	0	0	0	0	0
	INJURY	8	1	0	3	5	0	0	0	0	0	2	0	0
	DAMAGE	36	4	1	12	17	1	0	0	0	0	0	0	0
	TOTAL	45	5	1	15	23	1	0	0	0	0	2	0	0
POP UNDER 1000	FATAL	1	0	0	0	0	0	0	0	0	0	1	0	0
	INJURY	63	26	4	20	13	2	4	0	0	1	38	0	1
	DAMAGE	118	47	6	25	29	19	1	1	1	0	52	0	3
	TOTAL	182	73	10	45	42	21	5	1	1	1	91	0	4
ST LOUIS CITY	FATAL	38	21	2	7	4	3	3	1	1	9	12	0	0
	INJURY	3430	609	87	595	790	277	85	49	98	302	490	1	11
	DAMAGE	11797	1702	137	1397	2227	1491	42	190	19	32	1799	2	59
	TOTAL	15265	2332	226	1999	3021	1771	130	240	118	343	2301	3	70

**TABLE 4.0.1**

## 2008 MISSOURI TRAFFIC CRASHES COUNTY AND CITY SUMMARY <sup>1</sup>

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR- CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES- TRIAN INV	FIXED OBJECT INV	HAZ- ARD MATL INV	CONSTR/ OTH WK ZONE INV
<b>STATE TOTALS</b>	FATAL	845	368	236	158	255	117	103	1	2	66	353	4	10
	INJURY	38040	9078	3118	9965	10562	2719	1955	182	517	1265	9791	26	400
	DAMAGE	116964	19810	4019	26854	30836	11776	513	886	105	133	22082	83	1313
	TOTAL	155849	29256	7373	36977	41653	14612	2571	1069	624	1464	32226	113	1723
<b>INCRP AREAS</b>	FATAL	282	134	66	49	74	26	47	1	1	41	112	1	3
	INJURY	25084	4474	1440	6471	7504	1630	1031	145	464	1081	3928	7	290
	DAMAGE	87635	11784	2445	20213	23944	8031	367	675	97	114	11997	32	986
	TOTAL	113001	16392	3951	26733	31522	9687	1445	821	562	1236	16037	40	1279

<sup>1</sup> All traffic crash activity occurring in a county and cities within a county is presented in this data display. A note of caution is warranted for cities whose jurisdictional boundaries cover more than one county. For City A whose boundaries fall in County A and County B - County A's portion of the data display will have County A City A's traffic crash activity presented. County B's portion of the data display will have County B City A's traffic crash activity presented. Those cities falling in more than one county can be identified by their name being followed by a slash ( / ) and the first three letters of the county name (e.g., Kansas City/JAC). Table 4.0.2 is presented to identify the total crash activity of these multi-county cities.

**TABLE 4.0.1**

**2008 MISSOURI TRAFFIC CRASHES  
MULTI-COUNTY CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/ OTH WK ZONE INV
BELLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	0	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	2	1	0	0	1	0	0	0	0	0	0	0	0
	TOTAL	2	1	0	0	1	0	0	0	0	0	0	0	0
CAMERON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	19	4	3	6	7	2	0	0	0	0	3	0	0
	DAMAGE	116	23	8	27	41	17	0	0	0	0	24	0	0
	TOTAL	135	27	11	33	48	19	0	0	0	0	27	0	0
CAPE GIRARDEAU	FATAL	1	0	1	1	0	0	0	0	0	0	1	0	0
	INJURY	205	22	9	53	70	13	5	0	8	9	25	0	1
	DAMAGE	1548	148	2	448	513	94	6	4	4	0	154	1	5
	TOTAL	1754	170	12	502	583	107	11	4	12	9	180	1	6
CENTRALIA	FATAL	1	0	0	0	0	1	0	0	0	0	0	0	0
	INJURY	11	1	1	3	3	0	1	0	1	0	3	0	0
	DAMAGE	37	2	3	9	13	6	0	1	0	0	5	0	0
	TOTAL	49	3	4	12	16	7	1	1	1	0	8	0	0
DREXEL	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	6	0	1	1	2	0	0	0	0	0	1	0	0
	TOTAL	7	0	1	2	2	0	0	0	0	0	1	0	0
EXCELSIOR SPRINGS	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	64	16	7	22	24	1	2	0	0	2	17	0	0
	DAMAGE	185	36	7	51	52	16	3	0	0	0	37	0	0
	TOTAL	249	52	14	73	76	17	5	0	0	2	54	0	0
GLASGOW	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	1	0	1	0	0	0	0	0	0	0	0	0
	DAMAGE	6	0	0	1	2	0	0	0	0	0	0	0	0
	TOTAL	7	1	0	2	2	0	0	0	0	0	0	0	0
GOWER	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	1	0	0	0	0	0	0	0	0	0	0	0	0
	DAMAGE	12	1	0	3	3	2	0	0	0	0	5	0	0
	TOTAL	13	1	0	3	3	2	0	0	0	0	5	0	0
HANNIBAL	FATAL	1	0	0	0	0	1	0	0	0	1	0	0	0
	INJURY	85	15	6	23	26	6	1	0	1	4	17	0	0
	DAMAGE	540	87	24	134	134	64	3	6	1	1	85	0	2
	TOTAL	626	102	30	157	160	71	4	6	2	6	102	0	2
INDEPENDENCE	FATAL	9	6	2	1	1	0	2	0	0	2	4	0	0
	INJURY	908	164	70	261	282	39	36	4	12	38	129	0	12
	DAMAGE	2385	342	83	574	722	143	3	17	3	2	304	1	41
	TOTAL	3302	512	155	836	1005	182	41	21	15	42	437	1	53
JEFFERSON CITY	FATAL	2	0	0	1	2	0	0	0	0	0	0	0	0
	INJURY	348	32	12	107	111	26	16	2	6	19	51	0	2
	DAMAGE	994	85	29	271	306	86	1	8	0	3	107	0	4
	TOTAL	1344	117	41	379	419	112	17	10	6	22	158	0	6
JOPLIN	FATAL	6	1	0	1	3	0	4	0	0	0	0	0	0
	INJURY	477	65	29	137	153	33	33	2	10	22	57	1	2
	DAMAGE	1665	147	53	467	533	119	14	4	3	2	188	1	10
	TOTAL	2148	213	82	605	689	152	51	6	13	24	245	2	12
KANSAS CITY	FATAL	55	29	18	3	13	5	9	0	0	11	22	0	1
	INJURY	3792	887	214	740	957	279	162	22	37	179	724	2	65
	DAMAGE	13501	2130	274	1972	3005	1073	69	87	13	19	2063	4	215
	TOTAL	17348	3046	506	2715	3975	1357	240	109	50	209	2809	6	281
LAKE OZARK	FATAL	1	0	1	0	0	0	0	0	0	0	0	0	0
	INJURY	28	6	0	9	11	1	0	0	0	0	8	0	0
	DAMAGE	132	15	2	32	43	15	1	1	0	0	26	0	1
	TOTAL	161	21	3	41	54	16	1	1	0	0	34	0	1
LAWSON	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	5	2	0	2	2	0	1	0	0	0	1	0	0
	DAMAGE	24	4	0	9	6	1	0	0	0	0	4	0	0
	TOTAL	29	6	0	11	8	1	1	0	0	0	5	0	0
LEE'S SUMMIT	FATAL	6	4	2	2	1	0	2	0	0	0	3	0	0
	INJURY	407	80	41	143	128	24	29	1	10	6	73	0	8
	DAMAGE	1712	280	76	577	434	144	1	9	1	0	254	1	32
	TOTAL	2125	364	119	722	563	168	32	10	11	6	330	1	40

**TABLE 4.0.2**

**2008 MISSOURI TRAFFIC CRASHES  
MULTI-COUNTY CITY SUMMARY<sup>1</sup>**

CITY	CRASH SEVERITY	TOTAL ACCS	SPEED INV	DRINK INV	DRVR UND 21 INV	DRVR 55 + INV	COMM VEH INV	MOTOR-CYCLE INV	SCHOOL BUS INV	BIKE INV	PEDES-TRIAN INV	FIXED OBJECT INV	HAZ-ARD MATL INV	CONSTR/OTH WK ZONE INV
MALDEN	FATAL	2	0	0	0	2	0	0	0	0	0	1	0	0
	INJURY	15	1	0	6	4	0	0	0	0	0	4	0	0
	DAMAGE	45	5	0	11	21	2	0	0	0	0	3	0	0
	TOTAL	62	6	0	17	27	2	0	0	0	0	8	0	0
MONETT	FATAL	2	1	1	1	0	0	0	0	0	1	1	0	1
	INJURY	41	6	0	13	15	4	0	0	6	0	7	0	2
	DAMAGE	132	16	7	40	34	12	0	1	0	0	18	0	13
	TOTAL	175	23	8	54	49	16	0	1	6	1	26	0	16
MONROE CITY	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	4	0	0	1	1	0	0	0	0	0	2	0	0
	DAMAGE	22	0	3	8	9	2	0	0	0	0	5	0	0
	TOTAL	26	0	3	9	10	2	0	0	0	0	7	0	0
OSAGE BEACH	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	73	6	4	21	34	6	6	0	0	1	9	0	0
	DAMAGE	270	16	7	64	101	39	3	2	0	0	28	0	5
	TOTAL	343	22	11	85	135	45	9	2	0	1	37	0	5
PACIFIC	FATAL	2	1	0	1	0	0	1	0	0	0	2	0	0
	INJURY	25	6	3	6	6	2	2	0	0	2	4	0	0
	DAMAGE	149	29	1	35	40	25	1	0	1	0	20	0	1
	TOTAL	176	36	4	42	46	27	4	0	1	2	26	0	1
REPUBLIC	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	71	12	4	18	27	4	6	0	1	1	16	0	0
	DAMAGE	185	15	6	57	51	19	0	1	1	0	24	0	1
	TOTAL	256	27	10	75	78	23	6	1	2	1	40	0	1
RICHLAND	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	8	3	0	3	2	1	2	1	0	1	2	0	0
	DAMAGE	14	6	0	3	3	1	0	0	0	0	2	0	0
	TOTAL	22	9	0	6	5	2	2	1	0	1	4	0	0
ROGERSVILLE	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	27	4	0	9	13	4	0	0	1	0	5	0	0
	DAMAGE	65	5	0	19	18	12	0	0	0	0	7	0	3
	TOTAL	92	9	0	28	31	16	0	0	1	0	12	0	3
SIKESTON	FATAL	2	1	0	0	1	0	1	0	0	0	2	0	0
	INJURY	103	13	5	33	42	0	4	1	3	4	17	0	0
	DAMAGE	334	34	8	89	127	23	2	1	0	1	44	0	0
	TOTAL	439	48	13	122	170	23	7	2	3	5	63	0	0
SUGAR CREEK	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	17	8	1	1	3	7	3	0	0	0	4	0	0
	DAMAGE	44	4	6	7	10	8	1	1	0	0	12	0	0
	TOTAL	61	12	7	8	13	15	4	1	0	0	16	0	0
SULLIVAN	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	25	3	2	3	9	3	3	0	2	1	1	0	1
	DAMAGE	132	11	4	48	48	18	0	0	0	0	8	0	2
	TOTAL	157	14	6	51	57	21	3	0	2	1	9	0	3
WINDSOR	FATAL	0	0	0	0	0	0	0	0	0	0	0	0	0
	INJURY	3	1	1	0	1	0	0	0	0	0	1	0	0
	DAMAGE	11	0	0	1	4	2	1	0	0	0	0	0	0
	TOTAL	14	1	1	1	5	2	1	0	0	0	1	0	0

<sup>1</sup> All traffic crash activity occurring in cities having jurisdictional boundaries in more than one county is presented in this data display. The total crash activity for each multi-county city is presented in this display.

**TABLE 4.0.2**

## GLOSSARY

**BICYCLE INVOLVED TRAFFIC CRASH:** Any crash in which one or more bicycles were directly involved in the incident.

**COMMERCIAL MOTOR VEHICLE INVOLVED TRAFFIC CRASH:** Any crash in which one or more commercial motor vehicles were directly involved in the incident. Commercial motor vehicles include trucks having 6 or more tires on the power unit, buses or school buses having occupant capacities of 16 or more, and vehicles displaying hazardous material placards.

**CONSTRUCTION / OTHER WORK ZONE INVOLVED TRAFFIC CRASH:** Any crash in which one or more of the traffic controls directly associated with the incident was a construction or other work zone.

**DEATH RATE:** The number of deaths resulting from traffic crashes per 100 million miles of travel which occurred in the State annually. The formula is:

$$\frac{\text{Annual deaths} \times 100,000,000}{\text{Annual Vehicle Miles of Travel}}$$

**DRINKING INVOLVED TRAFFIC CRASH:** Any crash in which one or more drivers or pedestrians were drinking and, in the opinion of the investigating officer, their intoxicated condition contributed to the cause of the crash. There are strong indications that investigating officers under-report drinking involvement as a contributing factor in traffic crashes. As a result, this under-reporting should be taken into consideration when reviewing drinking involved data presented in this Compendium.

**FATAL TRAFFIC CRASH:** A crash in which one or more persons were killed as a result of the crash and their death(s) occurred within 30 days of the incident. From 1979 - 1987, a crash would be classified as a fatal if their death(s) occurred within 90 days of the incident.

**FIXED OBJECT TRAFFIC CRASH:** Any traffic crash whose first harmful event involved a motor vehicle striking a fixed object. Crashes where a motor vehicle struck a fixed object as a result of a secondary event in a crash are **not** included in this definition of terms.

**HAZARDOUS MATERIAL INVOLVED TRAFFIC CRASH:** Any crash in which one or more vehicles involved in the incident were carrying hazardous materials.

**INJURY RATE:** The number of deaths and injuries resulting from traffic crashes per 100 million miles of travel which occurred in the State annually. The formula is:

$$\frac{\text{Annual deaths and injuries} \times 100,000,000}{\text{Annual Vehicle Miles of Travel}}$$

**MOTORCYCLE INVOLVED TRAFFIC CRASH:** Any crash in which one or more motorcycles were involved in the incident. Mopeds and all terrain vehicles (ATV's) are **not** considered motorcycles under this definition of terms.

**OLDER DRIVER INVOLVED TRAFFIC CRASH:** Any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were 55 years of age or older.

**PEDESTRIAN INVOLVED TRAFFIC CRASH:** Any crash in which one or more pedestrians were directly involved in the crash.

**PERSONAL INJURY TRAFFIC CRASH:** Any crash in which no person was killed but one or more persons were injured in the incident.

**PROPERTY DAMAGE TRAFFIC CRASH:** Any crash in which no person was killed or injured but property was damaged in the incident.

**QUARTILE:** The value that marks the boundary between two consecutive intervals in a frequency distribution of four intervals with each containing one quarter of the total population.

**RATE OF CHANGE:** The formula is:

$$\frac{\text{Value in Current Period} - \text{Value in Base Period}}{\text{Value in Base Period}} \times 100$$

**RURAL AREA:** Any community of less than 5,000 population or an unincorporated area of the State.

**SCHOOL BUS INVOLVED TRAFFIC CRASH:** Any crash in which one or more school buses were directly involved in the incident or where a school bus signal was associated with the traffic crash.

**SPEED INVOLVED TRAFFIC CRASH:** Any crash in which one or more drivers of motorized vehicles were exceeding the speed limit or driving too fast for conditions and, in the opinion of the investigating law enforcement officer, the driver error contributed to the cause of the crash.

**URBAN AREA:** Any community in the State having a population of 5,000 or more.

**YOUNG DRIVER INVOLVED TRAFFIC CRASH:** Any crash in which one or more drivers of motorized vehicles directly involved in the traffic crash were under the age of 21.